

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**C Number:** C88066  
**Lock Date:** 07/28/1994  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Female  
**PWG Approval Date:** 08/22/1996

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:04

First Dose M/F: NA / NA

Lab: AD LITTLE

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 634
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

AUTO PRECLUDES DIAG.

\* Gallbladder

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Heart	Degeneration	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 1-5 ]		
* Salivary Glands	Inflammation	Chronic, Mild
* Thymus	Atrophy	Marked
* Uterus	Endometrium	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Vacuolization Cytoplasmic

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 718
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158002

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

**INSUFFICIENT TISSUE**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
	[ Hydronephrosis TGLS = 1-8 ]		
* Liver		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Moderate
* Lung		Inflammation	Chronic, Mild
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-2 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
<b>CONTRIBUTORY CAUSE OF DEATH</b>	- Kidney Nephropathy

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 659
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158003

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
		Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
		Inflammation	Marked
		[ Histiocytic Sarcoma TGLS = 3-5 ]	
		[ Inflammation TGLS = 2-5, 12 ]	
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Nose	Respirat Epith	Inflammation	Mild
* Ovary		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		[ Hyperplasia TGLS = 4-3 ]	
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 659
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158003

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Atrophy	Moderate
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Mild
[ Histiocytic Sarcoma TGLS = 1-9 ]			

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**PRIMARY CAUSE OF DEATH** - Liver Inflammation

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158004

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Vagina	

**INSUFFICIENT TISSUE**

* Gallbladder	* Parathyroid Gland
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**OBSERVATIONS**

* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Lymphoma Malignant	
		Nephropathy	Mild
	[ Lymphoma Malignant TGLS = 5-8 ]		
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[ Hepatocellular Adenoma TGLS = 7-5 ]		
	[ Lymphoma Malignant TGLS = 3-5, 13 ]		
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Thoracic	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-15 ]		
	[ Lymphoma Malignant TGLS = 2-12 ]		
	[ Lymphoma Malignant TGLS = 2-13 ]		
	[ Lymphoma Malignant TGLS = 2-14 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158004

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 2-2, 2.1 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-7 ]			
* Ovary		Lymphoma Malignant	
		Thrombosis	Marked
[ Thrombosis TGLS = 8-9 ]			
* Pancreas		Lymphoma Malignant	
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLS = 1-12 ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-5 ]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	
[ Hydrometra TGLS = 6-9 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 400
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158005

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

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**AUTO PRECLUDES DIAG.**

\* Gallbladder

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**INSUFFICIENT TISSUE**

* Clitoral Gland	* Pituitary Gland	* Thymus
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**OBSERVATIONS**

* Heart	Valve	Thrombosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Mild
[ Inflammation TGLS = 4-8 ]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Edema	Moderate
		Hemorrhage	Moderate
		Inflammation	Acute, Moderate
Lymph Node		Hyperplasia	Mild
[ Hyperplasia TGLS = 1-12 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-5 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-9, 9.1 ]		Inflammation	Moderate

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**PRIMARY CAUSE OF DEATH** - Heart Valve Thrombosis

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 483
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158006

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Heart	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Vagina		

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Pancreas			

**INSUFFICIENT TISSUE**

* Parathyroid Gland	* Urinary Bladder
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**OBSERVATIONS**

* Adrenal Cortex [ Atrophy TGLS = 2-3 ]		Atrophy	Marked
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
Mesentery [ Necrosis TGLS = 1-12 ]		Necrosis	Marked
* Pituitary Gland [ Hemorrhage TGLS = 4-3 ]		Hemorrhage	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Uterus [ Hyperplasia TGLS = 3-9 ]	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:04

First Dose M/F: NA / NA

Lab: AD LITTLE

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 595
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

AUTO PRECLUDES DIAG.

\* Gallbladder

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Heart		Degeneration	Mild
* Kidney		Histiocytic Sarcoma	
		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 2-5, 12 ]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Necrosis	Moderate
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Uterus		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 1-9 ]		

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 538
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158008

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach
* Stomach, Glandular			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Hepatocellular Carcinoma	Metastatic (Liver)
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 9-5 ]	
		[ Hepatocellular Carcinoma TGLS = 7-5 ]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		[ Hepatocellular Carcinoma TGLS = 1-6 ]	
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Hepatocellular Carcinoma	Metastatic (Liver)
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)
* Uterus		Hepatocellular Carcinoma	Metastatic (Liver)
	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 538
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158008

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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<b>PRIMARY CAUSE OF DEATH</b>	- Lung Hepatocellular Carcinoma Liver
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158009

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-6 ]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-3 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 657

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158010

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1-5, 12 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-3, 3.1 ]			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158011

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Vagina	

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Marked
[ Hyperplasia TGLS = 4-12 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 6-5 ]			
[ Hepatocellular Carcinoma TGLS = 6-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 2-2 ]			
Mesentery		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 5-12 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-5 ]			
[ Hyperplasia TGLS = 3-5 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158011

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 1-9, 9.1 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 12      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158012

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 4-5 ]		
* Lymph Node, Mandibular		Atrophy	Minimal
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 2-12 ]		
Skeletal Muscle		Rhabdomyosarcoma	
	[ Rhabdomyosarcoma TGLS = 1-12 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 3-9 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 13

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 655

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158013

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Vagina

**INSUFFICIENT TISSUE**

\* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Lymphoma Malignant	
* Adrenal Medulla	Lymphoma Malignant	
* Bone Marrow	Lymphoma Malignant	
* Heart	Degeneration	Mild
	Lymphoma Malignant	
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-7 ]		
* Mammary Gland	Hyperplasia	Mild
Mesentery	Necrosis	Marked
[ Necrosis TGLS = 2-12 ]		
* Nose	Lymphoma Malignant	
* Pituitary Gland	Lymphoma Malignant	
* Salivary Glands	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-5 ]		
* Thymus	Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 655
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158013

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus	Endometrium	Hyperplasia Lymphoma Malignant	Cystic, Moderate
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**PRIMARY CAUSE OF DEATH** - Liver Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158014

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

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**INSUFFICIENT TISSUE**

\* Ovary

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**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 643

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158015

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**INSUFFICIENT TISSUE**

* Gallbladder	* Thymus
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**OBSERVATIONS**

* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 2-5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Hepatocellular Carcinoma TGLS = 1-6 ]	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Necrosis	Mild
* Ovary		Cyst	Minimal
* Spleen	Red Pulp	Atrophy	Mild
		Pigmentation	Hemosiderin, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - Lung Hepatocellular Carcinoma Liver

**CONTRIBUTORY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 17

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158017

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 4-13 ]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Minimal
		[ Cyst TGLS = 1-9 ]	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 3-5 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158017

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 18

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158018

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 5-12, 6-5 ]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 2-9 ]		
* Pancreas		Inflammation	Chronic, Mild
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
	[ Pigmentation TGLS = 4-3 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Marked
	[ Hyperplasia TGLS = 3-5 ]		
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158018

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 19	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 110
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158019

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	* Vagina

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**OBSERVATIONS**

* Liver		Depletion Glycogen	Mild
* Lung		Edema	Mild
		Inflammation	Acute, Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Thymus		Atrophy	Minimal

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**PRIMARY CAUSE OF DEATH** - Lung Edema

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158020

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Heart		Degeneration	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 8-12 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4-5, 5-14, 6-5 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-13 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-5, 5.1 ]			
[ Hyperplasia TGLS = 3-5, 5.1 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158020

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-9 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 441
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158021

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Islets, Pancreatic
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Stomach, Forestomach	* Stomach, Glandular		

---

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

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**OBSERVATIONS**

* Clitoral Gland		Atrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Acute, Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

---

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

**CONTRIBUTORY CAUSE OF DEATH**

- Lung Inflammation

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 22

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158022

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4-5, 5-5 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 6-6 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Ovary		Cyst	Marked
[ Cyst TGLS = 3-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Marked
		Pigmentation	Hemosiderin, Mild
[ Hyperplasia TGLS = 2-5 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 22

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158022

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 668

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158023

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Clitoral Gland                      \* Ovary

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 4-5 ]			
[ Hepatocellular Carcinoma TGLS = 3-13 ]			
* Mammary Gland		Adenoma	
[ Adenoma TGLS = 1-12 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

**CONTRIBUTORY CAUSE OF DEATH**

- Mammary Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 24

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 714

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158024

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Trachea
* Vagina			

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 4-15 ]			
[ Vacuolization Cytoplasmic TGLS = 3-5 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-12 ]			
[ Lymphoma Malignant TGLS = 1-14 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 6-13 ]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 24

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 714

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158024

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Uterus  
[ Hyperplasia TGLS = 2-9 ]

Endometrium

Hyperplasia

Cystic, Mild

---

PRIMARY CAUSE OF DEATH

- Lymph Node Mediastinal Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 25

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158025

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-5, 2-12, 3-5, 4-13 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 26      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 640  
**DOSE:** UNTREATDCONTROL      **DISP:** Moribund Sacrifice      **HISTO:** AD92-1158026

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
Eye	Cornea	Inflammation	Chronic, Mild
[ Inflammation TGLS = 1-12 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 3-13 ]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 26	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 640
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158026

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 2-14 ]			

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PRIMARY CAUSE OF DEATH	- Harderian Gland Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Degeneration

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158027

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
		Osteosarcoma	Metastatic (Tissue Nos)
Note: QA REVIEWED ALL AVAILABLE SECTIONS OF BONE, HOWEVER, THE PRIMARY COULD NOT BE FOUND.			
	[ Lymphoma Malignant TGLS = 7-6 ]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 4-12 ]		
	[ Lymphoma Malignant TGLS = 6-13 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-7 ]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 27	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 721
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158027

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 2,3-5 ]

* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

---

PRIMARY CAUSE OF DEATH	- Lymph Node Mediastinal Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Heart Degeneration

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 28	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 175
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158028

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	* Vagina		

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**INSUFFICIENT TISSUE**

* Lymph Node, Mandibular	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Minimal
* Kidney	Glomerulus	Amyloid Deposition	Moderate
[ Amyloid Deposition TGLS = 1-8 ]			
* Lung		Edema	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Atrophy	Mild
* Spleen	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Marked

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**PRIMARY CAUSE OF DEATH** - Lung Edema

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 29      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 709  
**DOSE:** UNTREATDCONTROL      **DISP:** Moribund Sacrifice      **HISTO:** AD92-1158029

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
[ Nephropathy TGLS = 4-8 ]			
* Liver	Serosa	Fibrosarcoma	Metastatic (Skeletal Muscle)
		Hepatocellular Adenoma	
		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
[ Fibrosarcoma TGLS = 10-14 ]			
[ Hepatocellular Adenoma TGLS = 11-5 ]			
Lymph Node	Inguinal	Fibrosarcoma	Metastatic (Skeletal Muscle)
	Mediastinal	Fibrosarcoma	Metastatic (Skeletal Muscle)
[ Fibrosarcoma TGLS = 6-17 ]			
[ Fibrosarcoma TGLS = 2-13 ]			
* Lymph Node, Mesenteric		Fibrosarcoma	Metastatic (Skeletal Muscle)
* Ovary		Cyst	Mild
* Pancreas		Fibrosarcoma	Metastatic (Skeletal Muscle)
* Salivary Glands		Inflammation	Chronic, Moderate
Skeletal Muscle		Fibrosarcoma	Metastatic (Skeletal Muscle)
[ Fibrosarcoma TGLS = 7-15, 8-16 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 29

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 709

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158029

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Spleen [ Fibrosarcoma TGLS = 3-5 ]		Fibrosarcoma	Metastatic (Skeletal Muscle)
* Thymus		Fibrosarcoma	Metastatic (Skeletal Muscle)
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus [ Fibrosarcoma TGLS = 9-12 ] [ Hyperplasia TGLS = 5-9 ]	Serosa Endometrium	Fibrosarcoma Hyperplasia	Metastatic (Skeletal Muscle) Cystic, Marked

**PRIMARY CAUSE OF DEATH** - Skeletal Muscle Fibrosarcoma Skeletal Muscle

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:04

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 30

TRT#: 1

SEX: Female

DAY ON TEST: 350

DOSE: UNTREATDCONTROL

DISP: Accidentally Killed

HISTO: AD92-1158030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Edema	Moderate
* Lymph Node, Mandibular		Atrophy	Moderate
* Nose	Respirat Epith	Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Lung Edema

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 31

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158031

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1-5, 5.1, 12 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 2-3 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 32

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158032

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4-5, 12, 5-13 ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-9, 3-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Marked
		Pigmentation	Hemosiderin, Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 606
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158033

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Pancreas	* Spleen
* Stomach, Glandular			

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**INSUFFICIENT TISSUE**

\* Parathyroid Gland

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**OBSERVATIONS**

* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 34

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158034

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Moderate
	[ Hepatocellular Adenoma TGLS = 3-5, 4-12 ]		
	Mesentery	Necrosis	Marked
	[ Necrosis TGLS = 1-13 ]		
* Pancreas		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 2-5 ]		
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 35

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158035

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**MISSING**

* Ovary	* Pituitary Gland
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Moderate
	[ Hepatocellular Adenoma TGLS = 2-5, 3-12 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-6 ]		
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
	[ Hydrometra TGLS = 1-9 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 36      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158036

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Vagina			

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Clitoral Gland      \* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Vacuolization Cytoplasmic	Moderate
[ Vacuolization Cytoplasmic TGLS = 1-5, 5.1 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 37

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158037

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen	Lymph Follic	Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-5 ]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 38

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 696

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158038

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Necrosis	Marked
[ Hepatocellular Carcinoma TGLS = 1-13 ]			
[ Necrosis TGLS = 2-5, 12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Cystadenoma	
* Pancreas		Atrophy	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Uterus		Amyloid Deposition	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Liver Necrosis

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 595

**DOSE:** UNTREATDCONTROL

**DISP:** Accidentally Killed

**HISTO:** AD92-1158039

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Trachea	* Urinary Bladder	* Vagina	

**MISSING**

\* Ovary

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Necrosis	Marked
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Edema	Mild
		Hemorrhage	Mild
* Lymph Node, Mandibular		Necrosis	Marked
		Pigmentation	Hemosiderin, Minimal
* Nose	Respirat Epith	Inflammation	Mild
* Pancreas		Necrosis	Marked
		Pigmentation	Hemosiderin, Mild
* Spleen		Atrophy	Moderate
* Thymus		Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Marked
* Uterus	Endometrium		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 595

**DOSE:** UNTREATDCONTROL

**DISP:** Accidentally Killed

**HISTO:** AD92-1158039

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Lung Hemorrhage

CONTRIBUTORY CAUSE OF DEATH

- Lung Edema

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 40

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158040

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
	[ Hepatocellular Adenoma TGLS = 3-5, 5-5 ]		
Lymph Node	Renal	Hemorrhage	Mild
	[ Hemorrhage TGLS = 4-12 ]		
* Ovary		Cyst	Minimal
	[ Cyst TGLS = 2-9 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hydrometra TGLS = 1-9 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 539

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158041

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
[ Nephropathy TGLS = 6-8 ]			
* Liver	Centrilobular	Dilatation	Mild
	Centrilobular	Inflammation	Chronic, Mild
[ Dilatation TGLS = 3-5 ]			
[ Inflammation TGLS = 2-5 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Ovary		Atrophy	Mild
[ Atrophy TGLS = 5-9 ]			
* Spleen		Necrosis	Moderate
		Thrombosis	Moderate
[ Necrosis TGLS = 4-5 ]			
[ Thrombosis TGLS = 4-5 ]			
* Stomach, Glandular		Hemorrhage	Minimal
[ Hemorrhage TGLS = 7-4 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Centrilobular Dilatation

CONTRIBUTORY CAUSE OF DEATH

- Liver Centrilobular Inflammation

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 539

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158041

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:04

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 42

TRT#: 1

SEX: Female

DAY ON TEST: 725

DOSE: UNTREATDCONTROL

DISP: Moribund Sacrifice

HISTO: AD92-1158042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Clitoral Gland		Atrophy	Minimal
* Gallbladder		Hyperplasia	Minimal
[ Hyperplasia TGLS = 3-5 ]			
* Heart		Degeneration	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 5-12 ]			
[ Hepatocellular Carcinoma TGLS = 2-5 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 2-6 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Inflammation	Chronic, Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 725
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158042

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 4-9 ]			

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 43

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158043

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Vagina		

**MISSING**

\* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-5, 3-12 ]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 44      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158044

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Marked
[ Hyperplasia TGLS = 5-7 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4-5+12 ]			
[ Hepatocellular Carcinoma TGLS = 4-12 ]			
* Lung		Inflammation	Chronic, Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-13 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Skin		Sarcoma	
[ Sarcoma TGLS = 6-14 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
[ Hematopoietic Cell Proliferation TGLS = 2-5 ]			
[ Hyperplasia TGLS = 2-5 ]			
* Thymus		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158044

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-9 ]			

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158045

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
		[ Eosinophilic Focus TGLS = 4-5 ]	
		[ Hepatocellular Adenoma TGLS = 5-12 ]	
* Ovary		Cyst	Minimal
		[ Cyst TGLS = 3-1 ]	
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Marked
		[ Hyperplasia TGLS = 2-5 ]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		[ Hyperplasia TGLS = 1-9 ]	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158045

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:04  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158046

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Marked
		Vacuolization Cytoplasmic	Mild
[ Eosinophilic Focus TGLS = 4-5, 5-12 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-13 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[ Angiectasis TGLS = 7-3 ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-5 ]			
[ Hyperplasia TGLS = 1-5 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158046

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158047

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Vagina

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 3-12 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Moderate
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Granulosa Cell Tumor Benign	
[ Granulosa Cell Tumor Benign TGLS = 1-9 ]			
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158047

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 48      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158048

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-5, 12 ]		
	[ Hepatocellular Carcinoma TGLS = 2-13 ]		
* Lymph Node, Mesenteric		Hepatocellular Carcinoma	Metastatic (Liver)
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Granular Cell Tumor Benign	
	Endometrium	Hyperplasia	Cystic, Marked
	[ Granular Cell Tumor Benign TGLS = 1-9 ]		
	[ Hyperplasia TGLS = 1-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 48

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158048

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 49

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 581

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158049

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
[ Nephropathy TGLS = 3,4-8 ]			
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Moderate
[ Basophilic Focus TGLS = 5-12 ]			
[ Vacuolization Cytoplasmic TGLS = 6-5, 12, 13 ]			
* Lymph Node, Mesenteric		Hyperplasia	Minimal
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-15 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Skin	Hair Follicle	Atrophy	Moderate
[ Atrophy TGLS = 1-14 ]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 581
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158049

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Liver	Vacuolization Cytoplasmic	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Basophilic Focus	

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:05

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 50

TRT#: 1

SEX: Female

DAY ON TEST: 511

DOSE: UNTREATDCONTROL

DISP: Accidentally Killed

HISTO: AD92-1158050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Esophagus  
\* Kidney  
\* Pituitary Gland  
\* Urinary Bladder

\* Adrenal Medulla  
\* Heart  
\* Mammary Gland  
\* Skin  
\* Vagina

\* Bone  
\* Intestine Large, Colon  
\* Ovary  
\* Thyroid Gland

\* Bone Marrow  
\* Intestine Large, Rectum  
\* Pancreas  
\* Trachea

MISSING

\* Clitoral Gland

AUTO PRECLUDES DIAG.

\* Gallbladder  
\* Intestine Small, Jejunum

\* Intestine Large, Cecum  
\* Lymph Node, Mesenteric

\* Intestine Small, Duodenum  
\* Stomach, Forestomach

\* Intestine Small, Ileum  
\* Stomach, Glandular

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

\* Brain  
\* Islets, Pancreatic  
\* Liver  
\* Lung  
\* Lymph Node, Mandibular  
\* Nose  
\* Salivary Glands  
\* Spleen  
  
\* Thymus  
\* Uterus

Thalamus  
  
Respirat Epith  
  
Lymph Follic  
Red Pulp  
  
Endometrium

Mineralization  
Hyperplasia  
Vacuolization Cytoplasmic  
Edema  
Atrophy  
Inflammation  
Inflammation  
Atrophy  
Atrophy  
Atrophy  
Hyperplasia

Minimal  
Mild  
Mild  
Minimal  
Mild  
Mild  
Chronic, Mild  
Mild  
Mild  
Marked  
Cystic, Mild

[ Hyperplasia TGLS = 1-9 ]

PRIMARY CAUSE OF DEATH

- Lung Edema

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 51

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 529

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158051

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Vagina

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Inflammation	Chronic, Marked
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Marked
* Heart		Degeneration	Minimal
* Intestine Large, Cecum	Serosa	Inflammation	Chronic, Marked
[ Inflammation TGLS = 4-7 ]			
* Intestine Large, Colon	Lymphoid Tiss	Hyperplasia	Mild
	Serosa	Inflammation	Chronic, Marked
[ Inflammation TGLS = 4-4 ]			
* Intestine Large, Rectum	Serosa	Inflammation	Chronic, Marked
[ Inflammation TGLS = 4-7 ]			
* Intestine Small, Duodenum	Serosa	Inflammation	Chronic, Marked
[ Inflammation TGLS = 3-7 ]			
* Intestine Small, Ileum	Serosa	Inflammation	Chronic, Marked
[ Inflammation TGLS = 3-7 ]			
* Intestine Small, Jejunum	Serosa	Inflammation	Chronic, Marked
[ Inflammation TGLS = 3-4 ]			
* Islets, Pancreatic		Atrophy	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
		Vacuolization Cytoplasmic	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 51	<b>TRT#:</b> 1 <b>DOSE:</b> UNTREATDCONTROL	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 529 <b>HISTO:</b> AD92-1158051
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**ORGAN AND ACCOUNTABLE SITE STATUS**

Lymph Node [ Hyperplasia TGLS = 8-3, 3.1 ]	Mediastinal	Hyperplasia	Moderate
* Lymph Node, Mesenteric Mesentery [ Inflammation TGLS = 1-12, 10-12 ]		Inflammation Inflammation	Chronic, Marked Chronic, Marked
* Ovary [ Cystadenoma TGLS = 9-9,9.1 ]		Cyst Cystadenoma	Minimal
* Pancreas [ Inflammation TGLS = 7-3, 3.1 ]		Inflammation	Chronic, Marked
* Spleen [ Hematopoietic Cell Proliferation TGLS = 5-5 ]		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder	Serosa	Inflammation	Chronic, Marked
* Uterus [ Inflammation TGLS = 6-9, 9.1 ]	Endometrium Serosa	Hyperplasia Inflammation	Cystic, Moderate Chronic, Marked

PRIMARY CAUSE OF DEATH - Pancreas Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 52

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158052

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3,4-5, 12 ]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 53      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158053

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

Blood Vessel [ Degeneration TGLS = 6-4 ]	Aorta	Degeneration	Mild
* Bone [ Osteoporosis TGLS = 5-11 ]		Osteoporosis	Marked
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Moderate
		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver [ Hepatocellular Adenoma TGLS = 1, 3, 4-5, 12 ]		Hepatocellular Adenoma	Multiple
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 54

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158054

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	Peripheral Nerve	* Salivary Glands
Skeletal Muscle	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Atrophy	Mild
		Fibrosis	Minimal
		Hepatocellular Adenoma	
		Inflammation	Mild
		Pigmentation	Hemosiderin, Minimal
[ Hepatocellular Adenoma TGLS = 4-12 ]			
* Lung		Hemorrhage	Mild
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 2-9 ]			
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-13 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 711
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158054

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 3-9 ]			

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 55

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 592

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158055

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Inflammation	Chronic, Marked
* Heart		Degeneration	Mild
* Intestine Small, Duodenum		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Marked
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 6,7-5, 12 ]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Marked
	[ Hyperplasia TGLS = 5-7 ]		
* Ovary		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 1-13 ]		
Peripheral Nerve		Inflammation	Chronic, Mild
* Salivary Glands		Atrophy	Mild
		Inflammation	Chronic, Moderate
	[ Inflammation TGLS = 2-2 ]		
Skeletal Muscle		Inflammation	Chronic, Mild
* Skin		Edema	Mild
		Inflammation	Chronic, Marked
	[ Inflammation TGLS = 4-14 ]		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 55	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 592
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158055

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-5 ]		
	[ Hyperplasia TGLS = 3-5 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH - Ovary Hemangiosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 56

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158056

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 4-5 ]		
* Ovary		Hemorrhage	Minimal
	[ Hemorrhage TGLS = 3-9 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 2-9 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 57

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158057

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 2-5, 3-12, 5 ]			
* Lymph Node, Mandibular		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 58

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158058

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Adrenal Medulla

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Mild
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Serosa	Inflammation	Chronic, Mild

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 58

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158058

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 59

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158059

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3-5+12 ]			
Mesentery		Necrosis	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 60

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158060

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Mild
Eye		Atrophy	Marked
[ Atrophy TGLS = 3-14 ]			
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 4-14 ]			
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 5-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Atrophy	Minimal
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-13 ]			
* Ovary		Cyst	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 60	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 646
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158060

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus [ Hyperplasia TGLS = 1-9 ]	Endometrium	Hyperplasia	Cystic, Moderate
<b>PRIMARY CAUSE OF DEATH</b>	- Harderian Gland Carcinoma		

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 725
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158061

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
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**OBSERVATIONS**

* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1, 4, 5-5, 13 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Moderate
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-12 ]			
[ Infiltration Cellular TGLS = 2-6,12 ]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** - Lung Infiltration Cellular

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 61

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158061

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 62

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158062

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Cardiomyopathy	Moderate
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 6, 7, 10,-5, 12 ]		
* Lymph Node, Mesenteric		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	[ Rhabdomyosarcoma TGLS = 4-7 ]		
* Mammary Gland		Hyperplasia	Mild
Mesentery		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	[ Rhabdomyosarcoma TGLS = 3-14 ]		
* Ovary		Angiectasis	Moderate
		Necrosis	Moderate
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland		Hemorrhage	Moderate
	Pars Distalis	Hyperplasia	Marked
	[ Hemorrhage TGLS = 8-3 ]		
	[ Hyperplasia TGLS = 9-3 ]		
Skeletal Muscle		Rhabdomyosarcoma	
	[ Rhabdomyosarcoma TGLS = 2-13 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 62	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158062

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 5-5 ]

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hamartoma	
	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 63

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158063

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Marked
[ Cyst TGLS = 3-9 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-5 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158064

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex [ Hyperplasia TGLS = 1-3 ]	Zona Glomer	Hyperplasia	Mild
* Bone		Hyperostosis	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Mild
[ Hyperplasia TGLS = 2, 3-9, 12 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 65	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 655
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158065

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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**OBSERVATIONS**

* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-14 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 3,4-12, 13, 6 ]		
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 2-15 ]		
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:05

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 66

TRT#: 1

SEX: Female

DAY ON TEST: 652

DOSE: UNTREATDCONTROL

DISP: Moribund Sacrifice

HISTO: AD92-1158066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Mammary Gland           | * Nose                      |
| * Ovary                  | * Parathyroid Gland        | * Pituitary Gland         | * Salivary Glands           |
| * Skin                   | * Stomach, Forestomach     | * Stomach, Glandular      | * Trachea                   |
| * Vagina                 |                            |                           |                             |

OBSERVATIONS

- |                          |  |                              |          |
|--------------------------|--|------------------------------|----------|
| * Bone Marrow            |  | Hyperplasia                  | Mild     |
| * Brain                  | Thalamus                                     | Mineralization               | Mild     |
| * Clitoral Gland         |  | Atrophy                      | Mild     |
| * Gallbladder            |  | Lymphoma Malignant           |          |
| * Heart                  |  | Degeneration                 | Minimal  |
| * Islets, Pancreatic     |  | Atrophy                      | Moderate |
| * Kidney                 |  | Lymphoma Malignant           |          |
|                          |  | Nephropathy                  | Moderate |
|                          | [ Lymphoma Malignant TGLS = 6-8 ]            |                              |          |
|                          | [ Nephropathy TGLS = 6-8 ]                   |                              |          |
| * Liver                  |  | Lymphoma Malignant           |          |
|                          | [ Lymphoma Malignant TGLS = 7-5, 12 ]        |                              |          |
| * Lung                   |  | Alveolar/Bronchiolar Adenoma |          |
|                          |  | Hemorrhage                   | Moderate |
|                          |  | Lymphoma Malignant           |          |
|                          | [ Alveolar/Bronchiolar Adenoma TGLS = 5-13 ] |                              |          |
| Lymph Node               | Iliac  | Lymphoma Malignant           |          |
|                          | Mediastinal                                  | Lymphoma Malignant           |          |
|                          | [ Lymphoma Malignant TGLS = 3-14 ]           |                              |          |
|                          | [ Lymphoma Malignant TGLS = 4-15 ]           |                              |          |
| * Lymph Node, Mandibular |  | Lymphoma Malignant           |          |
| * Lymph Node, Mesenteric |  | Lymphoma Malignant           |          |
| * Pancreas               |  | Atrophy                      | Mild     |

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 66	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 652
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158066

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Skeletal Muscle		Inflammation	Chronic, Mild
* Spleen		Inflammation	Chronic, Mild
[ Lymphoma Malignant TGLS = 8-5 ]		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Lymphoma Malignant TGLS = 9-16 ]		Lymphoma Malignant	

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PRIMARY CAUSE OF DEATH	- Lung	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hemorrhage

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 67	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158067

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2, 3, 5-5, 12 ]		
* Lung		Hemorrhage	Minimal
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 4-3 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 1-9 ]		

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 68

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158068

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Vagina

**MISSING**

\* Clitoral Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,4,5-5, 12 ]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 3-3 ]		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158068

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Marked Minimal
[ Hyperplasia TGLS = 1-9 ]			

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 69

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 682

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158069

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Reticul	Hyperplasia	Mild
* Brain		Hydrocephalus	Moderate
[ Hydrocephalus TGLS = 5-1 ]			
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
[ Basophilic Focus TGLS = 6-5 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Hyperplasia	Marked
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-13 ]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
[ Hyperplasia TGLS = 3-5 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 69	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 682
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158069

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Forestomach [ Hyperplasia TGLS = 7-12 ]	Epithelium	Hyperplasia	Marked
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus [ Hyperplasia TGLS = 2-9 ]	Endometrium	Hyperplasia	Cystic, Marked

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PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 70

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 666

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158070

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Moderate
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 6-5, 13, 13.1 ]			
Lymph Node	Bronchial	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Moderate
[ Hemorrhage TGLS = 3-14 ]			
* Lymph Node, Mandibular		Atrophy	Mild
* Mammary Gland		Hyperplasia	Mild
[ Hyperplasia TGLS = 7-15 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 8-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Thrombosis	Marked
[ Thrombosis TGLS = 4-9 ]			
* Salivary Glands		Atrophy	Mild
[ Atrophy TGLS = 2-2, 17 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 666
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158070

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Forestomach [ Squamous Cell Papilloma TGLS = 10-4 ]	Lymph Follic	Hyperplasia Squamous Cell Papilloma	Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus [ Hemorrhage TGLS = 9-16 ] [ Hyperplasia TGLS = 5-9, 16 ]	Endometrium	Hemorrhage Hyperplasia	Moderate Cystic, Marked

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PRIMARY CAUSE OF DEATH - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 365
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158071

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mandibular	* Pituitary Gland
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-5 ]			
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

<b>PRIMARY CAUSE OF DEATH</b>	- Liver Hepatocellular Adenoma
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 72      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158072

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 4-5, 13 ]		
* Lung		Inflammation	Chronic, Mild
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-12 ]		
* Ovary		Cystadenoma	
	[ Cystadenoma TGLS = 3-14 ]		
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 2-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 72

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158072

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 73	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 357
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158073

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	

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**OBSERVATIONS**

* Kidney		Mineralization	Mild
		Nephropathy	Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hemorrhage	Moderate

[ Hemorrhage TGLS = 1-9, 9.1 ]

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PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Kidney Mineralization

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 74

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 473

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158074

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Mild
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-6 ]			
* Lymph Node, Mandibular		Atrophy	Mild
Mesentery		Inflammation	Chronic, Mild
[ Inflammation TGLS = 4-7, 7.1 ]			
* Ovary	Periovarn Tiss	Inflammation	Chronic, Moderate
[ Inflammation TGLS = 2-9,9.1 ]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-9, 9.1 ]			

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 75      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158075

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-15 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 5-5, 13, 14 ]			
* Pancreas		Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Minimal
[ Lymphoma Malignant TGLS = 2,3-5 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hydrometra	Marked
		Hyperplasia	Cystic, Marked
[ Hydrometra TGLS = 1-9, 12 ]			
[ Hyperplasia TGLS = 1-9, 12 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 76	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 67
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158076

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	* Vagina		

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**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
* Liver	Depletion Glycogen	Mild
* Lung	Edema	Mild
	Hemorrhage	Mild
	Inflammation	Acute, Minimal
[ Edema TGLS = 1-6 ]		
* Salivary Glands	Atrophy	Minimal

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**PRIMARY CAUSE OF DEATH** - Lung Edema

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\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 77

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158077

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 78	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 530
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158078

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

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**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

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**INSUFFICIENT TISSUE**

* Clitoral Gland	* Gallbladder
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung		Edema	Mild
		Hemorrhage	Mild
		Inflammation	Acute, Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** - Lung Edema

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 79

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158079

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Ovary	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 4-13 ]	
		[ Hepatocellular Carcinoma TGLS = 3-5 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[ Alveolar/Bronchiolar Adenoma TGLS = 5-6 ]	
Lymph Node		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 6-12 ]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Moderate
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158079

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 2-5 ]			
[ Hyperplasia TGLS = 2-5 ]			
[ Lymphoma Malignant TGLS = 2-5 ]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[ Hydrometra TGLS = 1-9 ]			
[ Hyperplasia TGLS = 1-9 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 80

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** UNTREATDCONTROL

**DISP:** Accidentally Killed

**HISTO:** AD92-1158080

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
		[ Hepatocellular Adenoma TGLS = 3-5, 13 ]	
		[ Vacuolization Cytoplasmic TGLS = 2-5, 13 ]	
* Lung		Inflammation	Chronic, Mild
Mesentery		Necrosis	Marked
		[ Necrosis TGLS = 1-12 ]	
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		[ Hyperplasia TGLS = 4-9 ]	

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 80

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** UNTREATDCONTROL

**DISP:** Accidentally Killed

**HISTO:** AD92-1158080

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 81      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** UNTREATDCONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158081

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Amyloid Deposition	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 3, 4-13 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 5-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 81

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158081

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 82

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158082

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3,4-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9, 9.1 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 83

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 703

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158083

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Thyroid Gland	* Trachea
* Vagina			

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
	Thalamus	Mineralization	Mild
[ Lymphoma Malignant TGLS = 9-1 ]			
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Minimal
		Lymphoma Malignant	
* Intestine Small, Duodenum	Peyers Patch	Lymphoma Malignant	
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[ Hepatocellular Adenoma TGLS = 1-5, 12 ]			
[ Lymphoma Malignant TGLS = 2-5,12 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
	Thoracic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-16 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 83

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 703

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158083

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant TGLS = 7-14 ]		
* Lymph Node, Mandibular		Lymphoma Malignant
* Lymph Node, Mesenteric		Lymphoma Malignant
* Pancreas		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-13 ]		
* Salivary Glands		Lymphoma Malignant
* Skin	Subcut Tiss	Fibrosarcoma
[ Fibrosarcoma TGLS = 6-14 ]		
* Spleen		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-5 ]		
* Stomach, Forestomach		Lymphoma Malignant
* Stomach, Glandular		Lymphoma Malignant
* Thymus		Lymphoma Malignant
* Urinary Bladder		Lymphoma Malignant
* Uterus		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 5-9 ]		

**PRIMARY CAUSE OF DEATH**

- Lung Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 84

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 410

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158084

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Colon	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Inflammation Squamous Cell Carcinoma	Chronic, Mild Metastatic (Stomach, Forestomach)
[ Inflammation TGLS = 3-3 ]			
[ Squamous Cell Carcinoma TGLS = 3-3 ]			
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
* Intestine Small, Jejunum		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Inflammation	Acute, Mild
Lymph Node		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[ Squamous Cell Carcinoma TGLS = 12-15 ]			
* Lymph Node, Mesenteric		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[ Squamous Cell Carcinoma TGLS = 11-7 ]			
Mesentery		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[ Squamous Cell Carcinoma TGLS = 4-13 ]			
* Ovary		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[ Squamous Cell Carcinoma TGLS = 6-9 ]			
* Pancreas		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[ Squamous Cell Carcinoma TGLS = 14-2 ]			
* Pituitary Gland		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 84	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 410
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158084

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Salivary Glands	Atrophy	Mild
Skeletal Muscle [ Squamous Cell Carcinoma TGLS = 2-12 ]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Spleen [ Hematopoietic Cell Proliferation TGLS = 7-5 ]	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach [ Squamous Cell Carcinoma TGLS = 10-4 ]	Squamous Cell Carcinoma	
* Thymus [ Atrophy TGLS = 13-3, 3.1 ]	Atrophy	Moderate
Tissue NOS [ Squamous Cell Carcinoma TGLS = 8-14 ]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Uterus [ Squamous Cell Carcinoma TGLS = 5-9 ]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

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**PRIMARY CAUSE OF DEATH** - Stomach, Forestomach Squamous Cell Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 85

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 686

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158085

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Cardiomyopathy	Moderate
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Mild
		[ Hepatocellular Adenoma TGLS = 6-5, 13 ]	
		[ Necrosis TGLS = 6-5, 13 ]	
Lymph Node		Hyperplasia	Moderate
		[ Hyperplasia TGLS = 3-12 ]	
Mesentery		Sarcoma	
		[ Sarcoma TGLS = 5, 7-14, 14.1, 15 ]	
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Hemorrhage	Mild
		[ Hemorrhage TGLS = 8-9 ]	
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 686
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158085

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 4-5 ]			
[ Hyperplasia TGLS = 4-5 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hydrometra Hyperplasia	Marked Cystic, Marked
[ Hydrometra TGLS = 1-9 ]			
[ Hyperplasia TGLS = 1-9 ]			

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**PRIMARY CAUSE OF DEATH** - Heart Cardiomyopathy

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 86

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158086

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2, 5-5, 12 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-13 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 86

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158086

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 87

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 625

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158087

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 4,5-5, 13 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Inflammation	Acute, Marked
	[ Inflammation TGLS = 6-12 ]		
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-5 ]		
	[ Hyperplasia TGLS = 3-5 ]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

- Ovary Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 88

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 682

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158088

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 3-13 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-13 ]			
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-5, 12 ]			
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[ Hyperplasia TGLS = 5-3 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 88

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 682

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158088

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 89

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158089

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-12 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 3-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158090

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Moderate
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-12 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 91

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158091

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-14 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3, 7, 8, 9-5, 13 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-7 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 10-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-5 ]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 5-12 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158091

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:05

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 92

TRT#: 1

SEX: Female

DAY ON TEST: 657

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: AD92-1158092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

MISSING

\* Pituitary Gland

AUTO PRECLUDES DIAG.

\* Gallbladder

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Heart	Degeneration	Moderate
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Mild
* Liver	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-5, 12 ]		
* Lung	Inflammation	Chronic, Mild
* Lymph Node, Mandibular	Hyperplasia	Mild
* Lymph Node, Mesenteric	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 6-7 ]		
* Ovary	Histiocytic Sarcoma	
* Salivary Glands	Inflammation	Chronic, Mild
* Spleen	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 5-5 ]		
* Thymus	Hemorrhage	Mild
* Uterus	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 92

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 657

**DOSE:** UNTREATDCONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158092

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 93      **TRT#:** 1      **SEX:** Female      **DAY ON TEST:** 675  
**DOSE:** UNTREATDCONTROL      **DISP:** Moribund Sacrifice      **HISTO:** AD92-1158093

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Bone Marrow		Depletion Cellular	Mild
		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Mild
	[ Nephropathy TGLS = 3-8 ]		
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 4, 7, 8-5, 12 ]	Vacuolization Cytoplasmic	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-6 ]		
* Lymph Node, Mandibular		Atrophy	Marked
		Pigmentation	Hemosiderin, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-12 ]		
* Pancreas		Atrophy	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Hemosiderin, Moderate
	[ Atrophy TGLS = 6-5 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 675
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158093

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 5-9 ]			

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PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 668
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158094

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Vagina	

**MISSING**

\* Pituitary Gland

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Islets, Pancreatic
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**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-5 ]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Lymphoma Malignant	
* Salivary Glands		Atrophy	Moderate
* Spleen		Necrosis	Mild
[ Necrosis TGLS = 4-5 ]			
* Thymus		Hemorrhage	Mild
		Lymphoma Malignant	
		Necrosis	Marked
[ Hemorrhage TGLS = 3-3 ]			
[ Necrosis TGLS = 3-3 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 668
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158094

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Lung Lymphoma Malignant		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 95

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158095

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Brain		Hydrocephalus	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Moderate
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
* Ovary		Luteoma	
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 168
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158096

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
* Vagina			

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

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**INSUFFICIENT TISSUE**

\* Parathyroid Gland

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**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Edema	Mild
		Inflammation	Acute, Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Mild

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**PRIMARY CAUSE OF DEATH** - Lung Edema

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 97

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158097

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 3-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 1-9 ]			
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 98

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** UNTREATDCONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158098

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 4-3, 18 ]			
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 8-5, 16 ]			
Lymph Node	Iliac	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 6-14 ]			
[ Histiocytic Sarcoma TGLS = 5-13 ]			
[ Histiocytic Sarcoma TGLS = 7-15 ]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
		Necrosis	Marked
[ Histiocytic Sarcoma TGLS = 9-17 ]			
[ Necrosis TGLS = 9-17 ]			
* Nose	Respirat Epith	Inflammation	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 704
	<b>DOSE:</b> UNTREATDCONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158098

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas		Atrophy	Mild
* Salivary Glands		Inflammation	Chronic, Mild
Skeletal Muscle		Inflammation	Chronic, Minimal
[ Inflammation TGLS = 3-12 ]			
* Spleen		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-5 ]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Histiocytic Sarcoma	
		Hyperplasia	Cystic, Moderate
[ Histiocytic Sarcoma TGLS = 10-9 ]			
[ Hyperplasia TGLS = 10-9 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 99

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158099

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[ Hemorrhage TGLS = 2-9, 9.1 ]			
[ Hyperplasia TGLS = 2-9, 9.1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 99

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158099

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 100

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158100

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain		Inflammation	Chronic, Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1, 2, 3-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Marked
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Nose		Hemorrhage	Moderate
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-3 ]			
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 100

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** UNTREATDCONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158100

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 101

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 679

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158101

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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**OBSERVATIONS**

* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-5, 12 ]			
* Lung		Edema	Mild
Lymph Node		Ectasia	Marked
[ Ectasia TGLS = 1-13 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

- Heart Degeneration

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 102

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158102

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Infiltration Cellular	Lymphocyte, Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-12 ]			
[ Lymphoma Malignant TGLS = 3-15 ]			
[ Lymphoma Malignant TGLS = 4-13 ]			
[ Lymphoma Malignant TGLS = 5-14 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-7 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 102	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> AD92-1158102

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-5 ]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 103

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 658

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158103

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	Peripheral Nerve	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 104

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158104

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Moderate
	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 3-12 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Adenoma	
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Carcinoma TGLS = 2-13 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 1-6 ]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 104	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 690
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158104

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 105

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 717

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158105

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Moderate
* Intestine Large, Cecum		Inflammation	Chronic, Mild
* Intestine Large, Colon		Inflammation	Chronic, Mild
* Intestine Large, Rectum		Inflammation	Chronic, Mild
* Intestine Small, Duodenum		Inflammation	Chronic, Mild
* Intestine Small, Ileum		Inflammation	Chronic, Mild
* Intestine Small, Jejunum		Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Mild
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mesenteric		Inflammation	Chronic, Marked
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Necrosis	Marked
[ Necrosis TGLS = 2-9, 9.1 ]			
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Skin		Edema	Moderate
		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 105	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 717
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158105

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Lymph Follic	Hyperplasia Pigmentation	Moderate Hemosiderin, Mild
[ Hematopoietic Cell Proliferation TGLS = 3-5 ] [ Hyperplasia TGLS = 3-5 ]		
* Thymus	Inflammation	Chronic, Moderate
* Thyroid Gland	Follicular Cel Hyperplasia	Moderate
* Uterus	Endometrium Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 4-9, 9.1 ]		

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**PRIMARY CAUSE OF DEATH** - Ovary Necrosis

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 106

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 613

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158106

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Moderate
	[ Hepatocellular Carcinoma TGLS = 1-12 ]		
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
	[ Hematopoietic Cell Proliferation TGLS = 2-5 ]		
	[ Hyperplasia TGLS = 2-5 ]		
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:05

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 588

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: AD92-1158107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Esophagus  
\* Pituitary Gland  
\* Urinary Bladder

\* Adrenal Medulla  
\* Mammary Gland  
\* Skin  
\* Vagina

\* Bone  
\* Nose  
\* Thyroid Gland

\* Brain  
\* Parathyroid Gland  
\* Trachea

MISSING

\* Lymph Node, Mandibular

\* Salivary Glands

AUTO PRECLUDES DIAG.

\* Gallbladder  
\* Intestine Small, Duodenum  
\* Stomach, Forestomach

\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Stomach, Glandular

\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Thymus

\* Intestine Large, Rectum  
\* Lymph Node, Mesenteric

OBSERVATIONS

\* Bone Marrow  
\* Clitoral Gland  
\* Heart  
\* Islets, Pancreatic

Histiocytic Sarcoma  
Atrophy  
Degeneration  
Adenoma  
Hyperplasia  
Nephropathy  
Histiocytic Sarcoma

Moderate  
Mild

\* Kidney  
\* Liver

Histiocytic Sarcoma  
Histiocytic Sarcoma

Mild  
Minimal

[ Histiocytic Sarcoma TGLS = 3-5, 12 ]

\* Lung  
\* Ovary

Atrophy  
Inflammation

Mild  
Chronic, Mild

[ Histiocytic Sarcoma TGLS = 1-9 ]

\* Pancreas

Hematopoietic Cell Proliferation  
Histiocytic Sarcoma

Moderate

\* Spleen  
\* Uterus

[ Histiocytic Sarcoma TGLS = 2-9 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 108

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158108

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain		Hydrocephalus	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 2, 3, 4-5, 12 ]		
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-12 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
* Vagina		Inflammation	Acute, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 109

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 313

**DOSE:** VEHICLE CONTROL

**DISP:** Accidentally Killed

**HISTO:** AD92-1158109

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Edema	Minimal
		Hemorrhage	Minimal
* Skin	Hair Follicle	Atrophy	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Lung Edema

CONTRIBUTORY CAUSE OF DEATH

- Lung Hemorrhage

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 110

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158110

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Hydronephrosis	Mild
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1, 2-5, 12 ]		
* Lung		Edema	Moderate
		Hemorrhage	Moderate
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 3-3 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Lung Edema

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 110

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158110

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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CONTRIBUTORY CAUSE OF DEATH

- Lung Hemorrhage

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 111

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158111

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-12 ]			
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-9 ]			
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Hyperplasia	Marked
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 3-9 ]			

**PRIMARY CAUSE OF DEATH**

- Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 112

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158112

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
[ Eosinophilic Focus TGLS = 2-5 ]			
* Lung		Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Hyperplasia	Marked
[ Hyperplasia TGLS = 1-12 ]			
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-9 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 113

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 705

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-5 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 114

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158114

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 2-5 ]			
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 115

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158115

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**ORGAN AND ACCOUNTABLE SITE STATUS**

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 2-9 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 116

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 722

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158116

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
[ Atrophy TGLS = 3-5, 12 ]			
[ Hematopoietic Cell Proliferation TGLS = 3-5, 12 ]			
[ Vacuolization Cytoplasmic TGLS = 3-5, 12 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 4-6 ]			
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Inflammation	Chronic, Marked
		Necrosis	Marked
[ Inflammation TGLS = 1-9, 9.1 ]			
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Skin		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 116	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 722
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158116

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-5 ]		
	[ Hyperplasia TGLS = 2-5 ]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH - Ovary Inflammation

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 117

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158117

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Brain		Hydrocephalus	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 3-12 ]			
* Lymph Node, Mesenteric		Atrophy	Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Mild
		Thrombosis	Moderate
[ Cyst TGLS = 2-9 ]			
[ Thrombosis TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-3 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 118	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 462
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158118

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Lymph Node, Mandibular	* Nose	* Ovary
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

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**MISSING**

\* Pituitary Gland

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular	

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**INSUFFICIENT TISSUE**

* Clitoral Gland	* Mammary Gland	* Parathyroid Gland	
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Edema	Minimal
		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH**

- Lung Edema

**CONTRIBUTORY CAUSE OF DEATH**

- Lung Hemorrhage

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 119

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158119

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Depletion Glycogen	Mild
[ Clear Cell Focus TGLS = 2-5, 5.1 ]			
Lymph Node	Iliac	Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-12 ]			
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 120

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158120

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Heart		Degeneration	Mild
* Intestine Small, Duodenum		Polyp Adenomatous	
[ Polyp Adenomatous TGLS = 3-12 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
* Lung		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-5 ]			
[ Hyperplasia TGLS = 2-5 ]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 121

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158121

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
		[ Hepatocellular Adenoma TGLS = 4-5 ]	
* Lymph Node, Mandibular		Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery		Necrosis	Marked
		[ Necrosis TGLS = 1-12 ]	
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		[ Adenoma TGLS = 5-3 ]	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 121

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158121

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Hyperplasia TGLS = 3-2, 2.1 ]

\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 2-9 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 122

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158122

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	Peripheral Nerve
Skeletal Muscle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4, 5-5, 15 ]			
Lymph Node		Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-14 ]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-13 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Thymus		Atrophy	Marked
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[ Hydrometra TGLS = 2-9, 9.1 ]			
[ Hyperplasia TGLS = 2-9, 9.1 ]			

**PRIMARY CAUSE OF DEATH**

- Uterus Hydrometra

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 122

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158122

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 124

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158124

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery		Necrosis	Marked
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	

[ Hyperplasia TGLS = 1-9, 9.1 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:05

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: AD92-1158125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Vagina	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[ Hepatocellular Adenoma TGLS = 5-5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Bronchial	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 6-3 ]		
	[ Lymphoma Malignant TGLS = 1-12 ]		
	[ Lymphoma Malignant TGLS = 2-13 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cystadenoma	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Chronic, Marked
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 125

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158125

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 3-5 ]

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 4-9, 9.1 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 126

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158126

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-5 ]		
* Lung		Inflammation	Chronic, Mild
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 2-12 ]		
* Ovary		Hemorrhage	Moderate
	[ Hemorrhage TGLS = 3-9 ]		
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 126

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158126

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 127

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 609

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158127

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Esophagus	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**AUTO PRECLUDES DIAG.**

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 128

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 661

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158128

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Carcinoma	Metastatic (Islets, Pancreatic)
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Clear Cell Focus TGLS = 6-5,12 ]	
		[ Hepatocellular Adenoma TGLS = 6-5, 12 ]	
		[ Hepatocellular Carcinoma TGLS = 6-5 ]	
* Lymph Node, Mesenteric		Atrophy	Minimal
Mesentery		Carcinoma	Metastatic (Islets, Pancreatic)
		[ Carcinoma TGLS = 2-13 ]	
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Carcinoma	
		Inflammation	Chronic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 128

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 661

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158128

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Salivary Glands		Atrophy Inflammation	Mild Chronic, Mild
[ Atrophy TGLS = 2, 2.1 ]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 5-9, 9.1 ]			
* Vagina	Epithelium	Inflammation	Chronic, Mild
[ Inflammation TGLS = 4-12 ]			

**PRIMARY CAUSE OF DEATH** - Pancreas Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 129

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158129

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3, 5-5 ]		
	[ Hepatocellular Carcinoma TGLS = 4-12 ]		
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Ovary		Cystadenoma	
	[ Cystadenoma TGLS = 1-9 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
	[ Hematopoietic Cell Proliferation TGLS = 2-5 ]		
	[ Hyperplasia TGLS = 2-5 ]		
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Granular Cell Tumor Benign	
	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 6-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 129

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158129

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 130

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 627

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158130

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Adrenal Cortex		Hepatocellular Carcinoma	Metastatic (Liver)
		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[ Hepatocellular Carcinoma TGLS = 1-5, 13 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Lymphoma Malignant	
[ Hepatocellular Carcinoma TGLS = 7-6 ]			
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Thoracic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-12 ]			
[ Lymphoma Malignant TGLS = 8-3 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 130	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 627
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158130

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-7 ]		Lymphoma Malignant	
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Hepatocellular Carcinoma Lymphoma Malignant	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 4-9, 9.1 ] [ Lymphoma Malignant TGLS = 4-9, 9.1 ]			
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
[ Lymphoma Malignant TGLS = 5-5 ]			
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 131

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158131

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Brain		Lymphoma Malignant	
	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[ Hepatocellular Adenoma TGLS = 4, 5, 7-12, 12.1, 13 ]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-2, 2.1 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-5 ]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 131

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158131

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 3-9, 9.1 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 132

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158132

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
	[ Nephropathy TGLS = 2-8 ]		
* Liver		Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
	[ Atrophy TGLS = 4-5, 12 ]		
	[ Hematopoietic Cell Proliferation TGLS = 4-5, 12 ]		
Lymph Node		Liposarcoma	
	[ Liposarcoma TGLS = 6-3 ]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Mammary Gland		Inflammation	Chronic, Minimal
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-12 ]		
* Ovary		Liposarcoma	
	[ Liposarcoma TGLS = 5-9, 9.1 ]		
* Pancreas		Inflammation	Chronic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 132	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 690
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> AD92-1158132

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-5 ]		
	[ Hyperplasia TGLS = 3-5 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 7-9, 9.1 ]		

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**PRIMARY CAUSE OF DEATH** - Ovary Liposarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 133

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 668

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158133

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
Eye		Cataract	Mild
[ Cataract TGLS = 1-12 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 6-12 ]			
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
[ Hepatocellular Carcinoma TGLS = 5-5 ]		Hepatocellular Carcinoma	
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2, 3, 4-13, 13.1, 14, 15 ]			
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 133

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 668

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158133

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 134

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 640

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158134

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**MISSING**

* Adrenal Cortex	* Adrenal Medulla	* Pituitary Gland	
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**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Brain		Hydrocephalus	Minimal
	Thalamus	Mineralization	Mild
Eye	Cornea	Inflammation	Chronic, Mild
[ Inflammation TGLS = 1-12 ]			
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 4-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-5 ]			
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-9 ]			
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 134

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 640

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158134

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Thymus		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland		Atrophy	Moderate
* Uterus	Follicular Cel	Hyperplasia	Minimal
	Endometrium	Hyperplasia	Cystic, Marked
PRIMARY CAUSE OF DEATH	- Harderian Gland Carcinoma		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 135

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 205

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158135

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Minimal
* Heart	Epicardium	Hyperplasia	Lymphoid, Minimal
	Epicardium	Mineralization	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung	Bronchus	Inflammation	Chronic, Moderate
Lymph Node		Hyperplasia	Mild
[ Hyperplasia TGLS = 1-12 ]			
* Thymus		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 2-3 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Lung Bronchus Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 136

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158136

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Vacuolization Cytoplasmic	Mild
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 137

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158137

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
		[ Alveolar/Bronchiolar Adenoma TGLS = 3-6 ]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 4-7 ]	
* Pancreas		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 1-5 ]	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		[ Hyperplasia TGLS = 2-9 ]	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 137

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158137

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 138

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158138

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Clitoral Gland		Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Marked
		Nephropathy	Mild
[ Hydronephrosis TGLS = 1-8 ]			
* Liver		Depletion Glycogen	Minimal
		Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 139

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158139

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Pigmentation	Hemosiderin, Moderate
[ Hepatocellular Adenoma TGLS = 3-12 ]			
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 1-5 ]			
* Stomach, Glandular	Epithelium	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 140

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 639

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158140

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Islets, Pancreatic	* Pancreas
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**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Moderate
* Liver		Atrophy	Mild
		Vacuolization Cytoplasmic	Mild
		Necrosis	Marked
Mesentery			
[ Necrosis TGLS = 2, 3-12, 13 ]			
* Salivary Glands		Atrophy	Mild
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

- Heart Degeneration

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 141

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158141

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
			[ Hepatocellular Adenoma TGLS = 3-5 ]
* Lymph Node, Mandibular		Hyperplasia	Mild
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
			[ Hyperplasia TGLS = 5-3 ]
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
			[ Hematopoietic Cell Proliferation TGLS = 2-5 ]
			[ Hyperplasia TGLS = 2-5 ]
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Moderate
			[ Hyperplasia TGLS = 4-9 ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 141

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158141

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Vagina  
Zymbal's Gland  
[ Carcinoma TGLS = 1-12 ]

Inflammation  
Carcinoma

Chronic, Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 142

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158142

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Marked
		Pigmentation	Hemosiderin, Minimal
		[ Hematopoietic Cell Proliferation TGLS = 1-5 ]	
		[ Hyperplasia TGLS = 1-5 ]	
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 143

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 637

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158143

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Moderate
		[ Hydronephrosis TGLS = 10-8 ]	
		[ Nephropathy TGLS = 7-8 ]	
* Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
		[ Histiocytic Sarcoma TGLS = 3-5, 12 ]	
		[ Necrosis TGLS = 3-5, 12 ]	
* Lung		Inflammation	Chronic, Mild
Lymph Node	Iliac	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 8-13 ]	
		[ Histiocytic Sarcoma TGLS = 9-12 ]	
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Atrophy	Marked
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Skin		Edema	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 143

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 637

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158143

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Edema TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 6-5 ]			
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Urinary Bladder		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 4-8 ]			
* Uterus		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 5-9, 9.1 ]			

PRIMARY CAUSE OF DEATH	- Kidney	Hydronephrosis
CONTRIBUTORY CAUSE OF DEATH	- Uterus	Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 144

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 620

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158144

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-3 ]			
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 145

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158145

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Zona Reticul	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Clear Cell Focus TGLS = 2-5 ]			
[ Hepatocellular Adenoma TGLS = 3-12 ]			
* Pituitary Gland	Pars Intermed	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 146

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158146

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Clitoral Gland		Inflammation	Chronic, Marked
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-6, 13, 13.1 ]			
Lymph Node		Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 147

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158147

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 5-12 ]		
	[ Hepatocellular Carcinoma TGLS = 4-12 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 3-6 ]		
Lymph Node	Mediastinal	Hyperplasia	Marked
	[ Hyperplasia TGLS = 2-3 ]		
* Lymph Node, Mandibular		Hyperplasia	Marked
* Ovary		Angiectasis	Marked
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-5 ]		
	[ Hyperplasia TGLS = 1-5 ]		
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 147

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158147

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicular Cel

Hyperplasia

Moderate

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 148

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 611

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158148

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Atrophy	Mild
		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Moderate
* Lung		Edema	Mild
		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Atrophy	Moderate
		Pigmentation	Hemosiderin, Mild
* Lymph Node, Mesenteric		Inflammation	Chronic, Marked
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Marked
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Moderate
[ Pigmentation TGLS = 2-5 ]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
* Vagina		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 148

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 611

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158148

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Inflammation TGLS = 1-9 ]

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PRIMARY CAUSE OF DEATH

- Pancreas Inflammation

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 149

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158149

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Meninges	Infiltration Cellular	Lymphocyte, Minimal
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Ovary		Inflammation	Chronic, Marked
[ Inflammation TGLS = 3-9 ]			
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Minimal
[ Hematopoietic Cell Proliferation TGLS = 1-5 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 150

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

Harderian Gland		Adenoma	
[ Adenoma TGLS = 6-15 ]			
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 3-5, 14 ]			
Lymph Node	Iliac	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-12 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-13 ]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-5 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 150

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158150

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 4-9 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 151

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 611

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158151

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-6.2 ]		
* Lymph Node, Mandibular		Hyperplasia	Marked
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 2,3-9 ]		

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 152

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158152

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

Harderian Gland		Adenoma	
[ Adenoma TGLS = 3-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 153

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158153

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1,2-5 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3,4-9, 9.1 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 154

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 611

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158154

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
		Degeneration	Marked
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Atrophy	Moderate
		Clear Cell Focus	
		Fibrosis	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 4-5 ]		
Lymph Node		Infiltration Cellular	Plasma Cell, Marked
	[ Infiltration Cellular TGLS = 5-13 ]		
Mesentery		Inflammation	Chronic, Marked
	[ Inflammation TGLS = 1-12 ]		
* Pancreas		Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
	[ Hematopoietic Cell Proliferation TGLS = 3-5 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 154

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 611

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158154

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9, 9.1 ]			

PRIMARY CAUSE OF DEATH - Pancreas Inflammation

CONTRIBUTORY CAUSE OF DEATH - Heart Degeneration

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 155

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158155

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Vacuolization Cytoplasmic	Marked
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-5 ]			
Lymph Node	Mediastinal	Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-3 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
[ Hematopoietic Cell Proliferation TGLS = 3-5 ]			
[ Hyperplasia TGLS = 3-5 ]			
* Stomach, Glandular	Epithelium	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 155

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158155

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 4-9 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 156

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158156

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	Pleura	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 6,7-12 ]			
[ Hepatocellular Carcinoma TGLS = 5-5, 5.1 ]			
Lymph Node		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-13 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]			
* Lymph Node, Mesenteric		Atrophy	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Minimal
[ Lymphoma Malignant TGLS = 3-5, 5.1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 156

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158156

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus  
[ Hyperplasia TGLS = 4-9 ]

Endometrium

Hyperplasia

Cystic, Marked

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 157

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158157

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Parathyroid Gland                      \* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Heart		Degeneration	Marked
		Lymphoma Malignant	
		Thrombosis	Marked
		Hyperplasia	Mild
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-5,12 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Lymphoma Malignant	
		Thrombosis	Moderate
[ Alveolar/Bronchiolar Adenoma TGLS = 1-6 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
Skeletal Muscle		Metaplasia	Osseous, Mild
[ Metaplasia TGLS = 6-13 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 157

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158157

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Lymphoma Malignant TGLS = 2-5, 12 ]	Lymphoma Malignant	
* Thymus	Atrophy	Mild
* Uterus [ Lymphoma Malignant TGLS = 3,4-9, 14 ]	Lymphoma Malignant	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 158

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney	* Lung
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**INSUFFICIENT TISSUE**

* Gallbladder	* Parathyroid Gland
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**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 1-12 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-13 ]			
* Heart		Degeneration	Mild
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-7 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 6-5, 5.1 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild
[ Cyst TGLS = 3-9 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 158

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158158

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 2-9 ]		
* Vagina		Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 159

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158159

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Mild
[ Inflammation TGLS = 1-5, 12 ]			
* Lung		Edema	Mild
[ Edema TGLS = 2-6 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 159

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158159

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Edema

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 160

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158160

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
	Serosa	Hepatocellular Adenoma	
		Inflammation	Chronic, Marked
	[ Hepatocellular Adenoma TGLS = 7-12, 5 ]		
	[ Inflammation TGLS = 6-5, 12 ]		
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas		Inflammation	Chronic, Marked
	[ Inflammation TGLS = 5-2 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Mild
	Capsule	Inflammation	Chronic, Moderate
		Pigmentation	Hemosiderin, Minimal
	[ Hematopoietic Cell Proliferation TGLS = 3-5 ]		
	[ Inflammation TGLS = 2-5 ]		
* Stomach, Forestomach	Serosa	Inflammation	Chronic, Moderate
	[ Inflammation TGLS = 4-2 ]		
* Stomach, Glandular	Serosa	Inflammation	Chronic, Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 160

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158160

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Inflammation TGLS = 4-2 ]

\* Thymus

Atrophy

Marked

\* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLS = 1-9, 9.1 ]

PRIMARY CAUSE OF DEATH

- Pancreas Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 161

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158161

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-5, 13 ]			
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 162

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158162

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Moderate
	[ Hepatocellular Adenoma TGLS = 3,4-5 ]		
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
* Ovary		Cystadenoma	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-5 ]		
	[ Hyperplasia TGLS = 1-5 ]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 2-9 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 163

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158163

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**INSUFFICIENT TISSUE**

* Bone Marrow	* Clitoral Gland
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
	[ Hepatocellular Adenoma TGLS = 2,3-5 ]		
Lymph Node	Mediastinal	Sarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Uncertain Primary Site)
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-12 ]		
* Ovary		Cyst	Mild
		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
		Sarcoma	Metastatic (Uncertain Primary Site)
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 4-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 163

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158163

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Vagina

Epithelium

Hyperplasia

Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 164

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158164

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2-5, 12 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-13 ]	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-14 ]		
* Pancreas		Hyperplasia	Lymphoid, Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 3-9 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 164

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158164

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 165

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158165

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	Zymbal's Gland		

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 3-5, 12 ]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen	Lymph Follic	Hyperplasia	Marked
	[ Hyperplasia TGLS = 1-5 ]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
		Sarcoma Stromal	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 165

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158165

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Vagina

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 166

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 634

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158166

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	Peripheral Nerve	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Moderate
[ Eosinophilic Focus TGLS = 2,3-5, 12 ]			
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-13 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Moderate
Skeletal Muscle		Degeneration	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 166

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 634

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158166

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 167

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 588

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158167

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Bone

\* Esophagus

\* Trachea

**AUTO PRECLUDES DIAG.**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone Marrow

\* Clitoral Gland

\* Gallbladder

\* Heart

\* Intestine Large, Cecum

\* Intestine Large, Colon

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Urinary Bladder

\* Vagina

**OBSERVATIONS**

\* Brain

Thalamus

Mineralization

Mild

\* Nose

Carcinoma

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 168      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** VEHICLE CONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158168

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 2,3,5,6-5, 12, 14 ]	
		[ Hepatocellular Carcinoma TGLS = 4-13 ]	
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 168

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158168

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 1-9 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:05  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 169

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 679

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158169

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Esophagus	* Nose	* Trachea
* Urinary Bladder	* Vagina		

**AUTO PRECLUDES DIAG.**

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland			

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Moderate
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3-5, 12 ]			
* Lung		Edema	Marked
		Sarcoma	Metastatic (Uncertain Primary Site)
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-13 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

- Lung Sarcoma Uncertain Primary Site

\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 171

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158171

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 3-13 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-5 ]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 171

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158171

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus	Endometrium	Hyperplasia	Cystic, Marked
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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 172

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158172

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-12 ]			
* Lung		Inflammation	Chronic, Mild
		Pigmentation	Hemosiderin, Minimal
		Necrosis	Marked
Mesentery			
[ Necrosis TGLS = 2-13 ]			
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 172

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158172

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 173      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** VEHICLE CONTROL      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158173

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Clitoral Gland      \* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3,4,5-5, 5.1, 12, 13 ]		
* Ovary		Cyst	Marked
	[ Cyst TGLS = 1-9, 9.1 ]		
* Pancreas		Atrophy	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 174

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 671

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158174

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Mild
		Cyst	Marked
* Ovary			
[ Cyst TGLS = 1-9 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 174

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 671

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158174

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 175      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 643  
**DOSE:** VEHICLE CONTROL      **DISP:** Natural Death      **HISTO:** AD92-1158175

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Vagina

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Intestine Small, Duodenum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-7 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 2-5, 12, 12.1 ]			
[ Lymphoma Malignant TGLS = 1-5, 12, 12.1 ]			
[ Vacuolization Cytoplasmic TGLS = 1-5, 12, 12.1 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-3 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-7 ]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-3 ]			
* Salivary Glands		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 175	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 643
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158175

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 4-5 ] [ Lymphoma Malignant TGLS = 4,5-5 ]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 176

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158176

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Vagina	Zymbal's Gland

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Minimal
	[ Hepatocellular Adenoma TGLS = 5-12, 12.1 ]		
* Lung		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-5 ]		
	[ Hyperplasia TGLS = 1-5 ]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 176

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158176

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 177	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 314
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> AD92-1158177

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Trachea
* Vagina			

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Parathyroid Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	

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**INSUFFICIENT TISSUE**

\* Clitoral Gland

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
* Nose	Respirat Epith	Inflammation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 178

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158178

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 3-5 ]		
	Mesentery	Necrosis	Marked
	[ Necrosis TGLS = 1-12, 13 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 2-9 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 179

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Cardiomyopathy	Mild
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	Multiple
		[ Hepatocellular Adenoma TGLS = 3, 4-5, 12 ]	
* Lymph Node, Mesenteric		Atrophy	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Leiomyoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 179

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158179

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 1-9 ]

[ Leiomyoma TGLS = 2-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 180

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158180

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Clitoral Gland		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Marked
		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3,4-12 ]		
	[ Hepatocellular Carcinoma TGLS = 3,4-12 ]		
* Lung		Inflammation	Chronic, Mild
* Ovary		Granulosa Cell Tumor Benign	
	[ Granulosa Cell Tumor Benign TGLS = 2-9 ]		
* Parathyroid Gland		Cyst	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Diestrus	
		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 180

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158180

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hydrometra TGLS = 1-9 ]

\* Vagina

Diestrus

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:06

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 181

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: AD92-1158181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 5-14 ]			
[ Hepatocellular Carcinoma TGLS = 4-13 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-15 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-5 ]			
[ Hyperplasia TGLS = 3-5 ]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 181

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158181

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 182

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 532

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Vagina			

**MISSING**

\* Urinary Bladder

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

**INSUFFICIENT TISSUE**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Clitoral Gland	Atrophy	Mild
* Heart	Degeneration	Mild
	Mineralization	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Vacuolization Cytoplasmic	Mild
* Lung	Edema	Mild
* Lymph Node, Mandibular	Atrophy	Mild
* Thymus	Atrophy	Marked
* Uterus	Endometrium	Cystic, Mild
	Hyperplasia	

**PRIMARY CAUSE OF DEATH**

- Lung Edema

**CONTRIBUTORY CAUSE OF DEATH**

- Heart Degeneration

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 183

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 314

**DOSE:** VEHICLE CONTROL

**DISP:** Accidentally Killed

**HISTO:** AD92-1158183

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Trachea	* Urinary Bladder	* Vagina	

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular	

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland	* Thyroid Gland	
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung		Edema	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Lung Edema

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 184

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158184

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Atrophy	Minimal
		Depletion Glycogen	Mild
		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Moderate
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland		Hemorrhage	Mild
		[ Hemorrhage TGLS = 1-3 ]	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 185

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 548

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158185

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Vagina	

**INSUFFICIENT TISSUE**

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Thymus
* Urinary Bladder			

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Moderate
		Necrosis	Moderate
* Lymph Node, Mandibular		Atrophy	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Salivary Glands		Atrophy	Mild
[ Atrophy TGLS = 2-2, 2.1 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Mesentery Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 186

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 542

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158186

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Brain		Inflammation	Chronic, Minimal
* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
		Inflammation	Chronic, Mild
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Minimal
Lymph Node	Iliac	Inflammation	Acute, Mild
	Renal	Inflammation	Acute, Mild
			[ Inflammation TGLS = 3-13 ]
			[ Inflammation TGLS = 4-12 ]
* Lymph Node, Mandibular		Hyperplasia	Mild
* Skin		Inflammation	Chronic, Marked
			[ Inflammation TGLS = 1-14 ]
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Urinary Bladder		Inflammation	Chronic, Mild
			[ Inflammation TGLS = 2-8 ]
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** - Heart Inflammation

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 187

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158187

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex [ Atrophy TGLS = 7-3 ]	Zona Glomer	Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver [ Hepatocellular Adenoma TGLS = 2,3,4,5-12 ]		Basophilic Focus	
		Depletion Glycogen	Mild
		Hepatocellular Adenoma	Multiple
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus [ Hyperplasia TGLS = 6-9, 9.1 ]	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 188

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** AD92-1158188

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 8-12 ]		
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 5-5 ]		
	[ Hepatocellular Carcinoma TGLS = 5-13 ]		
Lymph Node	Iliac	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 6-12 ]		
* Ovary		Lymphoma Malignant	
* Pancreas		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic, Marked
	[ Cyst TGLS = 7-7 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 188	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> AD92-1158188

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Marked
	[ Hematopoietic Cell Proliferation TGLS = 3-5 ] [ Lymphoma Malignant TGLS = 3-5 ]		
* Stomach, Glandular	Epithelium	Metaplasia	Squamous, Mild
* Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-3 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia Lymphoma Malignant	Cystic, Moderate
	[ Hyperplasia TGLS = 4-9 ]		

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PRIMARY CAUSE OF DEATH - Pancreas Atrophy

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 189

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 548

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**MISSING**

* Pituitary Gland	* Thymus
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**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Cardiomyopathy	Marked
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Atrophy	Minimal
		Depletion Glycogen	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-6 ]		
* Lymph Node, Mesenteric		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 190

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158190

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Necrosis	Minimal
	[ Hepatocellular Adenoma TGLS = 5-5 ]		
	Mesentery	Necrosis	Marked
	[ Necrosis TGLS = 1-12 ]		
* Ovary		Cyst	Moderate
		Thrombosis	Marked
	[ Cyst TGLS = 3-9 ]		
	[ Thrombosis TGLS = 3-9 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
	[ Hematopoietic Cell Proliferation TGLS = 2-5 ]		
* Stomach, Glandular		Ectopic Liver	Moderate
* Thymus		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 190

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158190

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[ Hyperplasia TGLS = 4-9 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 191

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158191

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1-5, 12, 12.1 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 192

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158192

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Depletion Glycogen	Moderate
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Ovary		Cyst	Mild
[ Cyst TGLS = 1-9, 9.1 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Sarcoma Stromal	
[ Hyperplasia TGLS = 2-9, 9.1 ]			
[ Sarcoma Stromal TGLS = 2-9, 9.1 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 193

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 548

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158193

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 3-5 ]		
* Lymph Node, Mandibular		Hyperplasia	Marked
* Salivary Glands		Inflammation	Chronic, Mild
Skeletal Muscle		Rhabdomyosarcoma	
	[ Rhabdomyosarcoma TGLS = 1-12 ]		
* Skin		Inflammation	Chronic, Marked
	[ Inflammation TGLS = 2-12 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 4-5 ]		
	[ Hyperplasia TGLS = 4-5 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma  
**CONTRIBUTORY CAUSE OF DEATH** - Skin Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 194

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158194

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	Lymph Node
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**MISSING**

* Adrenal Cortex	* Adrenal Medulla
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**INSUFFICIENT TISSUE**

* Clitoral Gland	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-5, 5.1 ]		
* Pancreas		Inflammation	Chronic, Mild
	[ Inflammation TGLS = 3-12, 12.1 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 2-9 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 195

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 694

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158195

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 3-5 ]		
* Lung		Fibrosarcoma	Metastatic (Skin)
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Atrophy	Minimal
		Inflammation	Chronic, Mild
Skeletal Muscle		Rhabdomyosarcoma	
	[ Rhabdomyosarcoma TGLS = 5-14 ]		
* Skin	Subcut Tiss	Fibrosarcoma	
	[ Fibrosarcoma TGLS = 5-14 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-5 ]		
	[ Hyperplasia TGLS = 2-5 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 195

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 694

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158195

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Thymus		Fibrosarcoma	Metastatic (Skin)
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder [ Degeneration TGLS = 1-8 ]		Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Skeletal Muscle Rhabdomyosarcoma		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:06

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 196

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: AD92-1158196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

INSUFFICIENT TISSUE

\* Clitoral Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Moderate
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Moderate
	[ Hepatocellular Adenoma TGLS = 2-12 ]		
* Ovary		Cyst	Mild
* Salivary Glands		Atrophy	Minimal
		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-12 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 197

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158197

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Minimal
Eye		Cataract	Mild
[ Cataract TGLS = 1-12 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-12 ]			
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Minimal
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 197

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158197

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:06

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 198

TRT#: 2

SEX: Female

DAY ON TEST: 722

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: AD92-1158198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

AUTO PRECLUDES DIAG.

\* Gallbladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Atrophy	Mild
[ Atrophy TGLS = 1-5, 12 ]			
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Atrophy

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 199

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158199

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-12 ]		
	[ Hepatocellular Carcinoma TGLS = 2-5 ]		
* Lymph Node, Mesenteric		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Granulosa Cell Tumor Benign	
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 1-5 ]		
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 200

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158200

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	Skeletal Muscle
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 7-5 ]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Atrophy	Mild
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Skin	Hair Follicle	Atrophy	Mild
	Subcut Tiss	Fibrosarcoma	
[ Atrophy TGLS = 1-7 ]			
[ Fibrosarcoma TGLS = 4-12 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
[ Hematopoietic Cell Proliferation TGLS = 3-5 ]			
[ Pigmentation TGLS = 3-5 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 200

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158200

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 620

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158201

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Marked
[ Vacuolization Cytoplasmic TGLS = 2-5, 13 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[ Hyperplasia TGLS = 3-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 620

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158201

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Polyp Stromal TGLS = 3-9 ]

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 202	<b>TRT#:</b> 3 <b>DOSE:</b> 25%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> AD92-1158202
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
		[ Hepatocellular Adenoma TGLS = 1-5 ]	
		[ Hepatocellular Carcinoma TGLS = 2-12 ]	
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		[ Hyperplasia TGLS = 4-3 ]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		[ Hyperplasia TGLS = 3-9 ]	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 203

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158203

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

* Gallbladder	* Mammary Gland
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**OBSERVATIONS**

* Bone Marrow	Hyperplasia	Minimal
	Myelofibrosis	Minimal
* Clitoral Gland	Atrophy	Mild
* Heart	Degeneration	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Lymphoma Malignant	
	Nephropathy	Mild
[ Lymphoma Malignant TGLS = 3-8 ]		
* Liver	Hepatocellular Adenoma	
	Infarct	Moderate
	Lymphoma Malignant	
[ Hepatocellular Adenoma TGLS = 5-5,12 ]		
[ Lymphoma Malignant TGLS = 5-5 ]		
* Lung	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
Mesentery	Necrosis	Marked
[ Necrosis TGLS = 2-13 ]		
* Ovary	Cyst	Mild
[ Cyst TGLS = 6-9, 9.1 ]		
* Pancreas	Inflammation	Chronic, Minimal
* Salivary Glands	Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 203

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158203

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Pigmentation	Mild  Hemosiderin, Mild
[ Lymphoma Malignant TGLS = 4-5 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9, 9.1 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 204

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Bone		Hyperostosis	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
		Atrophy	Mild
		Atrophy	Mild
		Cyst	Moderate
		Inflammation	Chronic, Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hepatocellular Adenoma TGLS = 2-5,12 ]

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 205

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Bone Marrow		Infiltration Cellular	Histiocyte, Mild
[ Infiltration Cellular TGLS = 5-13 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 4-5 ]			
[ Hepatocellular Carcinoma TGLS = 6-5 ]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 205

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158205

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 206

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
[ Hyperplasia TGLS = 1-5 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 207

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158207

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-5 ]			
Lymph Node	Iliac	Hemorrhage	Chronic, Marked
[ Hemorrhage TGLS = 1-12 ]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-3 ]			
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 207

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158207

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88066-01

Test Type: CHRONIC

Route: VAGINAL

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyvinyl alcohol

CAS Number: 9002-89-5

Date Report Requested: 10/20/2014

Time Report Requested: 05:05:06

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 208

TRT#: 3

SEX: Female

DAY ON TEST: 372

DOSE: 25%

DISP: Natural Death

HISTO: AD92-1158208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

MISSING

\* Pituitary Gland

OBSERVATIONS

* Heart	Valve	Thrombosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Yolk Sac Carcinoma	Metastatic (Ovary)
* Lymph Node, Mandibular		Atrophy	Minimal
Mesentery		Yolk Sac Carcinoma	Metastatic (Ovary)
[ Yolk Sac Carcinoma TGLS = 3-12 ]			
* Ovary		Yolk Sac Carcinoma	
[ Yolk Sac Carcinoma TGLS = 1-9, 9.1 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-5 ]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Ovary Yolk Sac Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 209

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 682

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158209

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Pituitary Gland	* Skin
* Trachea			

**INSUFFICIENT TISSUE**

* Islets, Pancreatic	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Heart		Degeneration	Mild
* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-8 ]			
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 10-5, 14 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Thoracic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-12 ]			
[ Lymphoma Malignant TGLS = 3-6 ]			
[ Lymphoma Malignant TGLS = 9-14 ]			
[ Lymphoma Malignant TGLS = 4-3 ]			
[ Lymphoma Malignant TGLS = 2-7 ]			
[ Lymphoma Malignant TGLS = 11-13 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 209

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 682

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158209

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-7 ]		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 7-5 ]		Lymphoma Malignant	
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia Lymphoma Malignant	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia Lymphoma Malignant	Cystic, Mild
* Vagina		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Bone Marrow Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 210

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 668

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158210

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Atrophy	Marked
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Hemosiderin, Mild
* Pancreas		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Pancreas Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 211

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158211

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Moderate
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-12 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Cystadenoma	
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
[ Hematopoietic Cell Proliferation TGLS = 1-5 ]			
[ Hyperplasia TGLS = 1-5 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 211

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** AD92-1158211

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 212

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158212

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Vagina

**INSUFFICIENT TISSUE**

* Adrenal Medulla	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Moderate
		Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
[ Hyperplasia TGLS = 3-12 ]			
* Ovary		Hyperplasia	Tubulostromal, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-4 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 213      **TRT#:** 3      **SEX:** Female      **DAY ON TEST:** 624  
**DOSE:** 25%      **DISP:** Moribund Sacrifice      **HISTO:** AD92-1158213

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	Peripheral Nerve
* Pituitary Gland	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Gallbladder      \* Parathyroid Gland

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Mild
* Heart		Cardiomyopathy	Mild
		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-5 ]		
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 2-9 ]		

**PRIMARY CAUSE OF DEATH**      - Liver    Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 214

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 651  
**HISTO:** AD92-1158214

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Necrosis	Marked
	[ Hepatocellular Adenoma TGLS = 3-5 ]		
* Lymph Node, Mesenteric		Necrosis	Mild
* Ovary		Inflammation	Chronic, Marked
	[ Inflammation TGLS = 1-9 ]		
* Salivary Glands		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 2-9 ]		

**PRIMARY CAUSE OF DEATH** - Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 215

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158215

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3-5, 13 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-12 ]		Hemorrhage	Mild
Lymph Node	Mediastinal	Hyperplasia	Moderate
* Lymph Node, Mandibular		Hyperplasia	Marked
* Lymph Node, Mesenteric		Hyperplasia	Marked
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Marked
[ Hyperplasia TGLS = 2-5 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 216

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 1-12 ]			
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 4-12 ]			
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Moderate
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Ovary		Inflammation	Chronic, Marked
[ Inflammation TGLS = 2-9, 9.1 ]			
* Pancreas		Atrophy	Moderate
		Inflammation	Chronic, Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-5 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 216

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 646  
**HISTO:** AD92-1158216

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 3-5 ]

\* Thymus

Atrophy

Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

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**PRIMARY CAUSE OF DEATH**

- Harderian Gland Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 217

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158217

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-12 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Depletion Glycogen	Minimal
		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 218

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Accidentally Killed

**DAY ON TEST:** 313  
**HISTO:** AD92-1158218

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
		Edema	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Lung Edema

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 219

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** AD92-1158219

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Adrenal Medulla		Hemorrhage	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Congestion	Moderate
		Hydronephrosis	Mild
		Nephropathy	Mild
[ Congestion TGLS = 4-8 ]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 1-5,12 ]			
[ Hepatocellular Carcinoma TGLS = 1-12 ]			
* Nose		Hemorrhage	Moderate
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-9 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 219

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158219

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 3-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 220

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158220

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

* Adrenal Medulla	* Parathyroid Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
		[ Hepatocellular Adenoma TGLS = 4-5, 12 ]	
* Lymph Node, Mesenteric		Hyperplasia	Minimal
Mesentery		Necrosis	Marked
		[ Necrosis TGLS = 1-13 ]	
* Ovary		Hemorrhage	Mild
		Necrosis	Mild
		[ Hemorrhage TGLS = 3-9 ]	
		[ Necrosis TGLS = 3-9 ]	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Marked
		[ Hematopoietic Cell Proliferation TGLS = 2-5 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 220

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158220

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-5 ]

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 221

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158221

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 2-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Moderate
Mesentery		Necrosis	Marked
* Pancreas		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 222	<b>TRT#:</b> 3 <b>DOSE:</b> 25%	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 634 <b>HISTO:</b> AD92-1158222
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Lung	* Mammary Gland	* Nose
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

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**AUTO PRECLUDES DIAG.**

* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Ovary	* Stomach, Forestomach	* Stomach, Glandular

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**INSUFFICIENT TISSUE**

* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Atrophy	Mild
* Spleen		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH** - Liver Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 223

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Pancreas		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 224

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Carcinoma	
[ Carcinoma TGLS = 1-3 ]			
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 6, 7, 8-5, 13 ]		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-6.1 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Ovary		Teratoma Benign	
[ Teratoma Benign TGLS = 4-14 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 9-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 224

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158224

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 5-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 225

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158225

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
	[ Hepatocellular Adenoma TGLS = 3,4-5, 12 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-6.1 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Luteoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLS = 1-9, 9.1 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 225

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158225

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 226

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158226

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 3-5 ]			
* Lung		Inflammation	Chronic, Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-12 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-9 ]			
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 227

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158227

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	Mesentery	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Esophagus

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-5,13 ]		
	[ Hepatocellular Carcinoma TGLS = 3-13 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Dilatation	Moderate
		Inflammation	Chronic, Mild
	[ Dilatation TGLS = 4-12 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-5 ]		
	[ Hyperplasia TGLS = 2-5 ]		
* Thymus		Atrophy	Mild
* Uterus		Hydrometra	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 227

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** AD92-1158227

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 5-9 ]	Endometrium	Hyperplasia	Cystic, Marked
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 228

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 714

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Degeneration	Mild
	Valve	Thrombosis	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 1,2-5, 12 ]	
		[ Hepatocellular Carcinoma TGLS = 3-5 ]	
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		[ Hyperplasia TGLS = 4-9 ]	

**PRIMARY CAUSE OF DEATH**

- Heart Valve Thrombosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 229

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 542

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Vagina			

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone [ Sarcoma TGLS = 4-13 ]	Pelvis	Sarcoma	
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Colon [ Inflammation TGLS = 2-4 ]		Inflammation	Chronic, Minimal
* Intestine Large, Rectum [ Inflammation TGLS = 3-7 ]		Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Mild
* Liver [ Hematopoietic Cell Proliferation TGLS = 5-5, 5.1 ] [ Hepatocellular Adenoma TGLS = 6-5, 5.1 ]		Hematopoietic Cell Proliferation Hepatocellular Adenoma	Mild
* Lung [ Alveolar/Bronchiolar Adenoma TGLS = 7-12 ]		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Inflammation	Chronic, Mild
Skeletal Muscle [ Sarcoma TGLS = 4-13 ]		Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 229

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 542

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158229

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Urinary Bladder  
[ Atrophy TGLS = 1-8 ]

Atrophy

Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 230

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 661

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158230

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 1, 3-5, 12 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 231

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158231

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 6-14 ]		
	[ Lymphoma Malignant TGLS = 7-13 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-16 ]		
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 3-15 ]		
* Ovary		Cystadenoma	
	[ Cystadenoma TGLS = 2-9 ]		
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Rhabdomyosarcoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 231

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158231

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Rhabdomyosarcoma TGLS = 8-12 ]

\* Spleen

Hematopoietic Cell Proliferation  
Lymphoma Malignant

Moderate

[ Hematopoietic Cell Proliferation TGLS = 4-5 ]

[ Lymphoma Malignant TGLS = 4-5 ]

\* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

\* Thymus

Lymphoma Malignant

\* Thyroid Gland

Follicular Cel

Hyperplasia

Moderate

\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 1-9 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 232

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158232

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-5,13 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-12 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[ Hyperplasia TGLS = 4-3 ]			
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[ Histiocytic Sarcoma TGLS = 1-9 ]			
* Vagina		Histiocytic Sarcoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 233

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 697  
**HISTO:** AD92-1158233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Vagina

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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**INSUFFICIENT TISSUE**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2-5 ]		
	[ Hepatocellular Carcinoma TGLS = 1-5 ]		
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 6-12 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Thrombosis	Moderate
	[ Thrombosis TGLS = 3-9 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Urinary Bladder		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 4-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 233

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 697

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158233

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 234

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158234

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	* Vagina

**MISSING**

\* Ovary

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone		Hyperostosis	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Esophagus	Periesoph Tiss	Inflammation	Chronic, Moderate
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 3-8 ]			
* Liver		Atrophy	Mild
[ Hepatocellular Adenoma TGLS = 6-5 ]			
* Lung		Inflammation	Chronic, Moderate
Lymph Node	Iliac	Hyperplasia	Moderate
	Renal	Hyperplasia	Mild
[ Hyperplasia TGLS = 7-13 ]			
[ Hyperplasia TGLS = 5-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Mild
* Parathyroid Gland		Adenoma	
		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 234

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158234

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Salivary Glands		Inflammation	Chronic, Marked
Skeletal Muscle		Rhabdomyosarcoma	
[ Rhabdomyosarcoma TGLS = 1-14 ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-5 ]			
[ Hyperplasia TGLS = 2-5 ]			
* Thymus		Inflammation	Chronic, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
* Trachea	Peritrach Tiss	Inflammation	Chronic, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 4-9 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 235

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158235

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Vagina			

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Adrenal Medulla

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-12 ]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Salivary Glands		Inflammation	Chronic, Minimal
* Skin	Hair Follicle	Atrophy	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 236

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 553

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158236

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Adrenal Medulla		Hepatocholangiocarcinoma	Metastatic (Liver)
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocholangiocarcinoma	
	[ Hepatocellular Adenoma TGLS = 7, 8-5 ]		
	[ Hepatocholangiocarcinoma TGLS = 6-5,12 AND 4-14 ]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLS = 9-6, 13 ]		
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLS = 3-15 ]		
* Ovary		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLS = 4-14 ]		
* Pancreas		Inflammation	Chronic, Moderate
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLS = 5-16 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 236

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 553  
**HISTO:** AD92-1158236

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus	Endometrium	Hyperplasia	Cystic, Marked
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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 237

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-9, 9.1 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 238

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 507

**DOSE:** 25%

**DISP:** Accidentally Killed

**HISTO:** AD92-1158238

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-12 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 239

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 324

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158239

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

* Adrenal Cortex	* Adrenal Medulla
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**OBSERVATIONS**

* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular		Leiomyosarcoma	
[ Leiomyosarcoma TGLS = 1-12 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Stomach, Glandular Leiomyosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 240

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Accidentally Killed

**DAY ON TEST:** 112  
**HISTO:** AD92-1158240

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 241      **TRT#:** 3      **SEX:** Female      **DAY ON TEST:** 627  
**DOSE:** 25%      **DISP:** Natural Death      **HISTO:** AD92-1158241

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Esophagus	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Pituitary Gland

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
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**INSUFFICIENT TISSUE**

* Clitoral Gland	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Atrophy	Marked
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
		[ Lymphoma Malignant TGLS = 5-8 ]	
		[ Nephropathy TGLS = 5-8 ]	
* Liver		Lymphoma Malignant	
		Necrosis	Moderate
		[ Lymphoma Malignant TGLS = 4-5, 14 ]	
		[ Necrosis TGLS = 4-5,14 ]	
* Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 241

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 627

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158241

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant TGLS = 3-13 ]			
[ Lymphoma Malignant TGLS = 3-16 ]			
[ Lymphoma Malignant TGLS = 3-12 ]			
[ Lymphoma Malignant TGLS = 3-15 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-7, 2 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 6-17 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Atrophy	Moderate
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-5 ]			
* Stomach, Forestomach		Lymphoma Malignant	
* Thymus		Atrophy	Marked
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
* Vagina		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 2-9 ]			

PRIMARY CAUSE OF DEATH

- Liver Necrosis

CONTRIBUTORY CAUSE OF DEATH

- Liver Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 242

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158242

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

Eye [ Inflammation TGLS = 4-12 ]	Cornea	Inflammation	Chronic, Mild
Harderian Gland [ Adenoma TGLS = 3-12 ]		Adenoma	
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver [ Hepatocellular Adenoma TGLS = 2-5, 13, 13.1 ]		Hepatocellular Adenoma	Multiple
* Ovary		Cystadenoma	
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus [ Hyperplasia TGLS = 1-9, 9.1 ]	Endometrium	Hyperplasia	Cystic, Marked

**PRIMARY CAUSE OF DEATH** - Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 243

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 640  
**HISTO:** AD92-1158243

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
	Zona Reticul	Hyperplasia	Minimal
* Brain		Hydrocephalus	Moderate
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 1-5 ]		
Lymph Node	Mediastinal	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 2-3 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 244

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 696

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158244

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5,6-8 ]			
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 7-14 ]		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-5, 14 ]			
Lymph Node		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-13 ]			
* Lymph Node, Mesenteric		Inflammation	Chronic, Moderate
* Ovary		Necrosis	Mild
[ Necrosis TGLS = 2, 3-9 ]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Lymphoma Malignant TGLS = 4-5 ]		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 244

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 696  
**HISTO:** AD92-1158244

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicular Cel

Hyperplasia

Moderate

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

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PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 245

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 721  
**HISTO:** AD92-1158245

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Vagina			

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Mammary Gland                      \* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Lymphoma Malignant	
* Adrenal Medulla	Lymphoma Malignant	
* Bone Marrow	Lymphoma Malignant	
* Heart	Lymphoma Malignant	
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Lymphoma Malignant	
	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Lymphoma Malignant	
[ Hepatocellular Adenoma TGLS = 7, 8-5, 17 ]		
* Lung	Lymphoma Malignant	
Lymph Node	Lymphoma Malignant	
	Iliac	
	Mediastinal	
	Renal	
[ Lymphoma Malignant TGLS = 6-14 ]		
[ Lymphoma Malignant TGLS = 11-13 ]		
[ Lymphoma Malignant TGLS = 3-16 ]		
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 12-7 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 245

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158245

**ORGAN AND ACCOUNTABLE SITE STATUS**

Mesentery [ Lymphoma Malignant TGLS = 10-15 ]		Lymphoma Malignant	
* Ovary [ Lymphoma Malignant TGLS = 5-9 ]		Hemorrhage Lymphoma Malignant	Mild
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 4-5 ]		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia Lymphoma Malignant	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Lung	Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 246

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158246

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 2-5 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Cyst	Moderate
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 247

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158247

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 248      **TRT#:** 3      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 25%      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158248

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2, 3-5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1-12 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Skin	Epidermis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 249

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** AD92-1158249

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-5, 5.1, 12 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-13 ]			
* Pancreas		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 250

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158250

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Pinna, Subcut Tiss	Fibrosarcoma	
	[ Fibrosarcoma TGLS = 1-12 ]		
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	[ Adenoma TGLS = 2-2 ]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 251

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158251

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
	Zona Reticul	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-7 ]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 10-4 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Moderate
		Lymphoma Malignant	
		Nephropathy	Moderate
[ Hydronephrosis TGLS = 6-8 ]			
[ Nephropathy TGLS = 5-8 ]			
* Liver		Depletion Glycogen	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 8-6 ]			
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-14 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 251

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158251

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant TGLS = 4-3 ]			
[ Lymphoma Malignant TGLS = 3-13 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 11-7 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Atrophy	Mild
		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-5 ]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hemorrhage	Mild
		Hyperplasia	Cystic, Moderate
[ Hemorrhage TGLS = 12-9 ]			
[ Hyperplasia TGLS = 1-9 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 252

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158252

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Clitoral Gland		Atrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-13 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-5, 5.1, 14 ]			
Lymph Node	Iliac	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-12 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-15 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
[ Hematopoietic Cell Proliferation TGLS = 3-5 ]			
[ Hyperplasia TGLS = 3-5 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 252

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158252

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 6-9 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 253

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158253

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex [ Hyperplasia TGLS = 3-3, 3.1 ]	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Ovary [ Yolk Sac Carcinoma TGLS = 1-12 ]		Yolk Sac Carcinoma	
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus [ Hyperplasia TGLS = 2-9 ]	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 253

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158253

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 254

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158254

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 3-12 ]		
* Ovary		Necrosis	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Intermed	Angiectasis	Moderate
	[ Angiectasis TGLS = 4-3 ]		
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
	[ Hematopoietic Cell Proliferation TGLS = 2-5 ]		
	[ Hyperplasia TGLS = 2-5 ]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 255

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158255

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Vagina

**OBSERVATIONS**

* Heart		Degeneration	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-12 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Carcinoma TGLS = 1-13 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 256

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158256

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Depletion Glycogen	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 3-5, 12 ]		
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Atrophy	Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
	[ Hyperplasia TGLS = 1-9 ]		
	[ Polyp Stromal TGLS = 2-9 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 257

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 686  
**HISTO:** AD92-1158257

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Vagina			

**MISSING**

* Adrenal Cortex	* Adrenal Medulla
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**AUTO PRECLUDES DIAG.**

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Spleen	* Urinary Bladder		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Inflammation	Moderate
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-5 ]			
* Lung		Thrombosis	Moderate
* Lymph Node, Mandibular		Hyperplasia	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 257

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 686

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158257

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Lung Thrombosis

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 258

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 72  
**HISTO:** AD92-1158258

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
* Vagina			

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Kidney	Glomerulus	Amyloid Deposition Nephropathy	Moderate Moderate
	[ Amyloid Deposition TGLS = 1-8 ] [ Nephropathy TGLS = 1-8 ]		
* Liver		Vacuolization Cytoplasmic	Minimal
* Spleen	Red Pulp	Atrophy	Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH** - Kidney Glomerulus Amyloid Deposition  
**CONTRIBUTORY CAUSE OF DEATH** - Kidney Nephropathy

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 259

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158259

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3-5, 12 ]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Atrophy	Mild
* Ovary		Cyst	Mild
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
[ Hyperplasia TGLS = 2-5 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-9 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 259

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158259

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 260

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158260

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Mammary Gland                      \* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Mild
Eye	Cornea	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 1-13 ]			
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Minimal
[ Hepatocellular Adenoma TGLS = 5-12 ]			
[ Hepatocellular Carcinoma TGLS = 4-12 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 260

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158260

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicular Cel

Hyperplasia

Moderate

\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 2, 3-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 261	<b>TRT#:</b> 3 <b>DOSE:</b> 25%	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 701 <b>HISTO:</b> AD92-1158261
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

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**MISSING**

\* Pituitary Gland

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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**INSUFFICIENT TISSUE**

\* Parathyroid Gland

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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Cardiomyopathy	Moderate
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2, 3, 4, 5-5, 13 ]		
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Hemosiderin, Minimal
		Necrosis	Marked
	Mesentery		
	[ Necrosis TGLS = 1-12 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 261

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 701  
**HISTO:** AD92-1158261

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Heart Cardiomyopathy		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 262

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158262

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

* Clitoral Gland		Hyperplasia	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2, 3-12 ]		
* Lymph Node, Mesenteric		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 263

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-5, 12 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Inflammation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 264

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 620

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158264

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Mammary Gland

**OBSERVATIONS**

Blood Vessel	Aorta	Metaplasia	Osseous, Moderate
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Gallbladder		Hepatocholeangiocarcinoma	Metastatic (Liver)
* Heart		Cardiomyopathy	Moderate
		Degeneration	Moderate
* Islets, Pancreatic		Hepatocholeangiocarcinoma	Metastatic (Liver)
		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocholeangiocarcinoma	
		Necrosis	Moderate
		[ Hepatocellular Adenoma TGLS = 5-13 ]	
		[ Hepatocholeangiocarcinoma TGLS = 4-5 ]	
		[ Necrosis TGLS = 5-5, 13 ]	
* Lung		Hepatocholeangiocarcinoma	Metastatic (Liver)
		[ Hepatocholeangiocarcinoma TGLS = 2-6 ]	
* Lymph Node, Mesenteric		Hepatocholeangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholeangiocarcinoma	Metastatic (Liver)
		[ Hepatocholeangiocarcinoma TGLS = 3-12 ]	
* Nose	Respirat Epith	Inflammation	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 264

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 620  
**HISTO:** AD92-1158264

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Ovary		Cyst	Mild
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Liver Hepatocholangiocarcinoma		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 265

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158265

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Ovary
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul	Hyperplasia	Minimal
* Brain		Hydrocephalus	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		[ Hepatocellular Adenoma TGLS = 3-5 ]	
		[ Hepatocellular Carcinoma TGLS = 2-12 ]	
Lymph Node	Bronchial	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Mild
		[ Lymphoma Malignant TGLS = 1-5 ]	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 265

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** AD92-1158265

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 266

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158266

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-5 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9, 9.1 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 267

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158267

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-6, 12 ]		
* Pancreas		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 268

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158268

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Adrenal Medulla

**OBSERVATIONS**

* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 3, 5-13 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-5, 5.1 ]			
[ Hyperplasia TGLS = 2-5, 5.1 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 268

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158268

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 269

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 658  
**HISTO:** AD92-1158269

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Atrophy	Mild
		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	[ Clear Cell Focus TGLS = 6-15 ]		
	[ Hepatocellular Adenoma TGLS = 5, 9-5 AND 6-15 ]		
* Lung		Inflammation	Chronic, Mild
Lymph Node		Plasma Cell Tumor Benign	
	[ Plasma Cell Tumor Benign TGLS = 7-14 ]		
* Lymph Node, Mandibular		Atrophy	Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
	[ Carcinoma TGLS = 1-13 ]		
Mesentery		Necrosis	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 269

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 658

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158269

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Necrosis TGLS = 8-12 ]			
* Ovary		Luteoma	
[ Luteoma TGLS = 4-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Atrophy	Mild
		Inflammation	Chronic, Minimal
[ Atrophy TGLS = 2-2, 2.1 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-9 ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 270

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 638

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158270

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Ovary	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Vagina

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland	* Urinary Bladder
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**OBSERVATIONS**

* Adrenal Cortex	Zona Reticul Zona Glomer	Hematopoietic Cell Proliferation Hyperplasia	Moderate Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-13 ]			
* Lung		Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Atrophy	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 5-12 ]			
* Pancreas		Atrophy	Mild
* Salivary Glands		Atrophy	Moderate
[ Atrophy TGLS = 1-2, 2.1 ]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Marked Marked
* Thymus		Atrophy	Marked
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 270

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 638

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158270

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Carcinoma TGLS = 4-9 ]

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PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 271

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 708  
**HISTO:** AD92-1158271

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Heart		Degeneration	Moderate
		Inflammation	Chronic, Marked
	Valve	Thrombosis	Marked
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Inflammation	Moderate
	[ Inflammation TGLS = 5-8, 8.1 ]		
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
	[ Hepatocellular Adenoma TGLS = 7, 8-5, 14, 15 ]		
* Lymph Node, Mandibular		Plasma Cell Tumor Benign	
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 6-13 ]		
* Ovary		Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Atrophy	Mild
* Skin	Vulva	Inflammation	Chronic, Mild
	[ Inflammation TGLS = 2-9 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 271

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 708  
**HISTO:** AD92-1158271

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

---

[ Hyperplasia TGLS = 3, 4-9 ]

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**PRIMARY CAUSE OF DEATH**

- Heart Valve Thrombosis

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 272

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158272

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3, 4-5 AND 2-12 ]		
	[ Hepatocellular Carcinoma TGLS = 2-12 ]		
* Lung		Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 272

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158272

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 1-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 273

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158273

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-13 ]			
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Mild
[ Clear Cell Focus TGLS = 3-5, 5.1 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 1-9 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 274

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158274

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
	[ Nephropathy TGLS = 2-8 ]		
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Minimal
	[ Hepatocellular Adenoma TGLS = 1-12 ]	Hepatocellular Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Thymoma Benign	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 275

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158275

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Ovary

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-5, 12 ]			
* Lung		Inflammation	Chronic, Mild
* Pancreas		Inflammation	Chronic, Mild
* Parathyroid Gland		Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-2 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-2 ]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 276

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158276

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-5 ]			
* Lung		Inflammation	Chronic, Mild
* Ovary		Cyst	Mild
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 277      **TRT#:** 3      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 25%      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158277

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Brain	Chor Plexus	Hyperplasia	Mild
	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Minimal
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-12 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-3 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-12 ]			
* Pancreas		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 277

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** AD92-1158277

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

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[ Hyperplasia TGLS = 3-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 278      **TRT#:** 3      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** 25%      **DISP:** Terminal Sacrifice      **HISTO:** AD92-1158278

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	Oral Mucosa
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Moderate
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-13 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-8 ]			
* Liver		Depletion Glycogen	Mild
[ Hepatocellular Adenoma TGLS = 3-5 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 278

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** AD92-1158278

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus  
[ Hyperplasia TGLS = 2-9 ]

Endometrium

Hyperplasia

Cystic, Moderate

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 279

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158279

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Heart		Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-13 ]			
Lymph Node	Mediastinal	Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-12 ]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-14 ]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 4-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 280

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158280

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Depletion Glycogen	Moderate
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-3 ]			
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 281

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 619

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158281

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Vagina			

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Heart		Cardiomyopathy	Mild
		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 2-5, 5.1 ]		
* Lung		Sarcoma	Metastatic (Uncertain Primary Site)
	[ Sarcoma TGLS = 1-6 ]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 282

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 504

**DOSE:** 25%

**DISP:** Accidentally Killed

**HISTO:** AD92-1158282

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Vagina	

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Jejunum	* Stomach, Glandular
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**INSUFFICIENT TISSUE**

* Lymph Node, Mandibular	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Zona Glomer	Hyperplasia	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Edema	Mild
		Hemorrhage	Mild
		Inflammation	Acute, Minimal
* Nose	Respirat Epith	Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Urinary Bladder		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

- Lung Hemorrhage

**CONTRIBUTORY CAUSE OF DEATH**

- Lung Edema

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 283

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158283

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 284

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158284

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Lymph Node, Mandibular
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 2, 3-5, 12 ]	
		[ Hepatocellular Carcinoma TGLS = 4, 5-5, 12 ]	
* Nose	Respirat Epith	Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		[ Hyperplasia TGLS = 6-3 ]	
* Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		[ Hyperplasia TGLS = 1-9 ]	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 285

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 514

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158285

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Gallbladder
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**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
* Liver	Hematopoietic Cell Proliferation	Minimal
	Hepatocellular Adenoma	
	Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-14 ]		
* Lymph Node, Mandibular	Atrophy	Minimal
Mesentery	Necrosis	Mild
[ Necrosis TGLS = 2-12 ]		
* Thymus	Atrophy	Minimal
* Uterus	Endometrium Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 286

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158286

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Vagina		

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 1-5, 5.1 ]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Deciduoma Nos	
	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 287

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158287

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 7-5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-12 ]		
Lymph Node	Iliac	Hyperplasia	Marked
	[ Hyperplasia TGLS = 6-13 ]		
* Lymph Node, Mandibular		Hyperplasia	Moderate
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 1, 5, 8-12, 13 ]		
* Pancreas		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 287

**TRT#:** 3  
**DOSE:** 25%

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** AD92-1158287

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-5 ]  
\* Thymus  
\* Uterus  
[ Hyperplasia TGLS = 3-9 ]

Endometrium

Pigmentation

Atrophy  
Hyperplasia

Hemosiderin, Mild

Mild  
Cystic, Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 288

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158288

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Vagina

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 1, 2, 3-5, 12 ]		
* Lymph Node, Mesenteric		Atrophy	Minimal
Mesentery		Necrosis	Marked
	[ Necrosis TGLS = 5-12 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

- Mesentery Necrosis

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 289

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 688

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** ad92-1158289

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Vagina

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Clitoral Gland

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 1-5 ]		
* Lymph Node, Mandibular		Atrophy	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 2-9, 9.1 ]		

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 290

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** ad92-1158290

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**MISSING**

* Adrenal Cortex	* Adrenal Medulla	* Pituitary Gland
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**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 1-5, 5.1, 12 ]		
	[ Hepatocellular Carcinoma TGLS = 1-12 ]		
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Cyst	Mild
	[ Cyst TGLS = 2-9 ]		
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 291

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 624

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158291

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Heart		Degeneration	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-14 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Lymphoma Malignant	
Lymph Node		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-12 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-7 ]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-5 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-3 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 291

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 624

**DOSE:** 25%

**DISP:** Natural Death

**HISTO:** AD92-1158291

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 7-9 ]

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PRIMARY CAUSE OF DEATH

- Intestine Small, Jejunum Peyers Patch Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 292

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158292

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Vagina	

**OBSERVATIONS**

* Brain		Infiltration Cellular	Lymphocyte, Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Depletion Glycogen	Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 293

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158293

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1-5, 12 ]			
Mesentery		Necrosis	Marked
* Nose	Respirat Epith	Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 294

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 637

**DOSE:** 25%

**DISP:** Accidentally Killed

**HISTO:** AD92-1158294

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder	* Vagina	

**MISSING**

\* Lymph Node, Mesenteric

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	

**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Moderate
* Lung		Edema	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Lung Edema

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 295

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158295

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

* Lymph Node, Mandibular	* Parathyroid Gland
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**OBSERVATIONS**

* Brain	Thalamus	Mineralization	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Moderate
* Lymph Node, Mesenteric		Inflammation	Chronic, Mild
		Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Moderate
[ Hyperplasia TGLS = 1-9, 2 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-9 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Inflammation	Chronic, Marked
[ Inflammation TGLS = 3, 4-5 ]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 295

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** 25%

**DISP:** Moribund Sacrifice

**HISTO:** AD92-1158295

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 296

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158296

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Vagina			

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Heart		Degeneration	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 10-14 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
[ Nephropathy TGLS = 3-8 ]			
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 6-16 ]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-12 ]			
[ Lymphoma Malignant TGLS = 7-17 ]			
[ Lymphoma Malignant TGLS = 5-13 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-15 ]			
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 296

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158296

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 8-3 ]

\* Spleen

Lymph Follic

Hematopoietic Cell Proliferation

Moderate

Hyperplasia

Moderate

[ Hematopoietic Cell Proliferation TGLS = 2-5 ]

[ Hyperplasia TGLS = 2-5 ]

\* Thymus

Atrophy

Marked

\* Thyroid Gland

Follicular Cel

Hyperplasia

Moderate

\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 1-9 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 297

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158297

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Mild
* Gallbladder		Lymphoma Malignant	
* Heart		Degeneration	Mild
* Intestine Small, Duodenum	Peyers Patch	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-4, 7, 15 ]		
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-4, 7, 15 ]		
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-4, 7, 15 ]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 6-8 ]		
* Liver		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 4-5, 16 ]		
* Lung		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 7-6 ]		
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 3-14 ]		
	[ Lymphoma Malignant TGLS = 3-13 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 297

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158297

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant TGLS = 3-12 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-7 ]			
* Mammary Gland		Hyperplasia	Moderate
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-17 ]			
* Nose	Respirat Epith	Inflammation	Minimal
* Pancreas		Atrophy	Mild
		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-5 ]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Lymphoma Malignant	
* Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

<b>ANIMAL ID:</b> 298	<b>TRT#:</b> 3 <b>DOSE:</b> 25%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> AD92-1158298
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**MISSING**

\* Pituitary Gland

**INSUFFICIENT TISSUE**

* Adrenal Medulla	* Gallbladder	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2, 3-5, 5.1 ]		
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 1-9 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:06  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 299

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158299

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Clitoral Gland		Hyperplasia	Mild
* Heart		Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Depletion Glycogen	Mild
		Hematopoietic Cell Proliferation	Mild
		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Pancreas		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:07  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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**ANIMAL ID:** 299

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158299

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:07  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

**ANIMAL ID:** 300

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 25%

**DISP:** Terminal Sacrifice

**HISTO:** AD92-1158300

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Vagina	

**INSUFFICIENT TISSUE**

* Clitoral Gland	* Pituitary Gland
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**OBSERVATIONS**

* Bone		Osteoporosis	Marked
[ Osteoporosis TGLS = 6-11 ]			
* Bone Marrow		Myelofibrosis	Moderate
* Heart		Degeneration	Mild
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-14 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 8-5, 17 ]		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-5, 17 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-13 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-15 ]			
Mesentery		Necrosis	Marked
[ Necrosis TGLS = 2-16 ]			
* Ovary		Cyst	Moderate
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88066-01  
**Test Type:** CHRONIC  
**Route:** VAGINAL  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Polyvinyl alcohol  
**CAS Number:** 9002-89-5

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 05:05:07  
**First Dose M/F:** NA / NA  
**Lab:** AD LITTLE

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<b>ANIMAL ID:</b> 300	<b>TRT#:</b> 3 <b>DOSE:</b> 25%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> AD92-1158300
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Skin [ Inflammation TGLS = 1-12 ]	Subcut Tiss	Inflammation	Chronic, Marked
* Spleen [ Lymphoma Malignant TGLS = 3-5 ]		Lymphoma Malignant	
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH

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**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE