

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C54751
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Lung		Pneumonia, Interstitial Chronic
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Hydrometra

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Salivary gland		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Atrophy, Nos
Liver		Cytoplasmic Vacuolization
Skin	Eyelid Nos	Papilloma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Inflammation, Granulomatous  
Pigmentation, Nos

Unspecified

Adipose Tissue  
Abdominal Cavity

Inflammation, Granulomatous  
Necrosis, Fat

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Lung		Pneumonia, Interstitial Chronic
Pituitary gland		Hyperplasia, Focal
Stomach		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver

Mesentery Nos

Periarteritis  
Lymphocytic Inflammatory Infiltrate  
Hepatocellular Adenoma  
Lymphocytic Inflammatory Infiltrate  
Myelopoiesis

Lymph node  
Pancreas  
Pituitary gland  
Salivary gland  
Spleen  
Thyroid  
Unspecified

Mesenteric Lymph Node

Hyperplasia, Lymphoid  
Necrosis, Nos  
Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Hematopoiesis  
Hyperplasia, Follicular Cell

Uterus

Abdominal Cavity  
Abdominal Cavity  
Endometrium

Necrosis, Fat  
Steatitis  
Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Mineralization
Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Lymphoma, Nos-Malignant
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Thyroid

Hyperplasia, Follicular Cell

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate Mineralization
Liver		Cytoplasmic Vacuolization
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Hyperplasia, Focal
Thymus		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Lymph node	Sacral Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thymus		Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Hyperplasia, Focal
Stomach	Lymphocytic Inflammatory Infiltrate
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Hemangiosarcoma
Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver		Inflammation, Chronic
Mammary gland		Adenocarcinoma, Nos
Pancreas		Inflammation, Chronic
Spleen		Hematopoiesis
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Hepatocellular Carcinoma
Ovary		Cyst, Nos
Stomach		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Nos
Stomach		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Bile Duct Carcinoma
		Hepatocellular Carcinoma
Lymph node	Renal Lymph Node	Hyperplasia, Lymphoid
Ovary		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Bile Duct Carcinoma, Metastatic
Urinary bladder		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Angiectasis
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Lymphocytic Inflammatory Infiltrate
Kidney	Glomerulonephritis, Nos
Liver	Hepatocellular Carcinoma
Lung	Alveolar/Bronchiolar Carcinoma
Pituitary gland	Hyperplasia, Focal
Salivary gland	Lymphocytic Inflammatory Infiltrate
Spleen	Hematopoiesis
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Harderian gland  
Kidney  
Liver  
Lymph node  
Pituitary gland  
Salivary gland  
Thyroid  
Urinary bladder  
Uterus

Hardarian Gland  
  
Mandibular Lymph Node  
  
  
Endometrium

Adenoma, Nos  
Lymphocytic Inflammatory Infiltrate  
Cytoplasmic Vacuolization  
Hyperplasia, Lymphoid  
Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Follicular Cell  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary

Angiectasis

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Cytoplasmic Vacuolization
Urinary bladder	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Ovary		Papillary Cystadenoma, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Stomach		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Liver

Duodenum

Lymphoma, Nos-Malignant

Cytoplasmic Vacuolization

Hepatocellular Adenoma

Stomach

Lymphocytic Inflammatory Infiltrate

Urinary bladder

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Pancreas

Atrophy, Nos

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization Hepatocellular Carcinoma
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Stomach		Ulcer, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Harderian gland

Hardarian Gland

Adenoma, Nos

Liver

Hepatocellular Carcinoma

Pituitary gland

Adenoma, Nos

Thyroid

Hyperplasia, Follicular Cell

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Atrophy, Nos
	Lymphocytic Inflammatory Infiltrate
Ovary	Cyst, Nos
Pancreas	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Hyperplasia, Focal
Thyroid	Hyperplasia, Follicular Cell
Urinary bladder	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Urinary bladder  
Uterus

Duodenum  
  
  
  
Endometrium

Lymphoma, Nos-Malignant  
Lymphocytic Inflammatory Infiltrate  
Lymphocytic Inflammatory Infiltrate  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Lymphocytic Inflammatory Infiltrate
Thymus		Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Lymphocytic Inflammatory Infiltrate
Kidney		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
		Inflammation, Suppurative
Lung		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Atrophy, Nos
		Lymphocytic Inflammatory Infiltrate
Pancreas		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Uterus

Periarteritis

Glomerulonephritis, Nos

Cytoplasmic Vacuolization

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Ovary	Cyst, Nos
Thyroid	Hyperplasia, Follicular Cell
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Hemosiderosis
Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Abdominal Cavity	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Alveolar/Bronchiolar Carcinoma, Metastatic
	Abdominal Cavity	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland		Atrophy, Brown
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Salivary gland		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Pituitary gland		Hyperplasia, Focal
Stomach		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Accidentally Killed

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain

Lung

Uterus

Endometrium

Hemorrhage

Hemorrhage

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Stomach		Inflammation, Suppurative
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Cytoplasmic Vacuolization
Ovary	Cyst, Nos
Pancreas	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Hyperplasia, Focal
Stomach	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary		Cyst, Nos
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Atrophy, Nos
Liver		Hepatocellular Carcinoma
Ovary		Periarteritis
Pituitary gland		Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Tongue		Papilloma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Stomach		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Harderian gland  
Kidney  
Liver  
Ovary  
Pituitary gland  
Stomach  
Uterus

Hardarian Gland  
  
  
  
  
  
Endometrium

Adenoma, Nos  
Lymphocytic Inflammatory Infiltrate  
Cytoplasmic Vacuolization  
Cyst, Nos  
Adenoma, Nos  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Urinary bladder

Multiple Organs Nos

Lymphoma, Nos-Malignant  
Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Pituitary gland		Hyperplasia, Focal
Skin	Sebaceous Gland	Hyperplasia, Focal
Unspecified	Inguinal Region Nos	Necrosis, Fat
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Hyperplasia, Focal
Thyroid	Hyperplasia, Follicular Cell
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Inflammation, Suppurative
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Nos
Stomach		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Unspecified

Mandibular Lymph Node  
Multiple Organs Nos

Hyperplasia, Lymphoid  
Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Hepatocellular Adenoma
Uterus	Endometrium	Lymphocytic Inflammatory Infiltrate
		Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Adenoma, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Hyperplasia, Focal
Salivary gland	Lymphocytic Inflammatory Infiltrate
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Hemorrhage
Endometrium	Hyperplasia, Cystic
	Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Ovary  
Pancreas  
Stomach  
Thyroid  
Uterus

Jejunum

Endometrium

Lymphoma, Nos-Malignant  
Lymphocytic Inflammatory Infiltrate  
Hepatocellular Adenoma  
Cyst, Nos  
Lymphocytic Inflammatory Infiltrate  
Ulcer, Nos  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Metaplasia, Osseous
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Unspecified	Abdominal Cavity	Aneurysm
	Multiple Organs Nos	Periarteritis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Thyroid

Unspecified

Uterus

Multiple Organs Nos

Multiple Organs Nos

Endometrium

Cortical Adenoma

Cytoplasmic Vacuolization

Hyperplasia, Follicular Cell

Lymphocytic Inflammatory Infiltrate

Lymphoma, Nos-Malignant

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Pituitary gland

Cytoplasmic Vacuolization  
Angiectasis  
Hyperplasia, Focal  
Lymphoma, Nos-Malignant

Unspecified                      Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Lymphocytic Inflammatory Infiltrate
Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Hepatocellular Carcinoma
	Necrosis, Nos
Spleen	Hematopoiesis
Stomach	Ulcer, Nos
Thyroid	Hyperplasia, Follicular Cell
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Ovary

Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Thyroid  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hyperplasia, Focal  
Hyperplasia, Follicular Cell  
Lymphocytic Inflammatory Infiltrate  
Hemorrhage, Chronic  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Cytoplasmic Vacuolization
	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Hyperplasia, Focal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Salivary gland		Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland		Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Necrosis, Coagulative
Spleen	Hematopoiesis
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Leiomyosarcoma

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye		Phthisis Bulbi
Pancreas		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Pituitary gland		Hyperplasia, Focal
Stomach		Ulcer, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Ovary	Cyst, Nos
Salivary gland	Lymphocytic Inflammatory Infiltrate
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Hepatocellular Adenoma
Ovary	Cyst, Nos
Pituitary gland	Hyperplasia, Focal
Salivary gland	Lymphocytic Inflammatory Infiltrate
Uterus	Hemorrhage
Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Abdominal Cavity	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Nos
Pituitary gland		Adenoma, Nos
Stomach		Ulcer, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Small  
Spleen  
Thyroid  
Unspecified

Ileum

Multiple Organs Nos

Lymphoma, Nos-Malignant  
Hematopoiesis  
Follicular-Cell Adenoma  
Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Small  
Kidney  
Liver

Mesentery Nos

Inflammation, Fibrinous  
Glomerulonephritis, Nos  
Degeneration, Nos  
Hepatocellular Carcinoma  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

Spleen  
Uterus

Endometrium

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Focal Cellular Change
Pancreas	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Hyperplasia, Focal
Salivary gland	Lymphocytic Inflammatory Infiltrate
Stomach	Inflammation, Acute/Chronic
Uterus	Endometrium Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Hyperplasia, Focal
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Lung  
Unspecified

Multiple Organs Nos

Myelopoiesis  
Hemosiderosis  
Leukocytosis, Nos  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Inflammation, Suppurative
Pituitary gland		Hyperplasia, Focal
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Metaplasia, Osseous
Salivary gland		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Pituitary gland  
Unspecified

Multiple Organs Nos  
Multiple Organs Nos  
Endometrium

Uterus

Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_002

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Pancreas		Atrophy, Nos
Salivary gland		Fibrosis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_003

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Sacral Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Hyperplasia, Focal
Salivary gland		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Dosing Accident

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Esophagus		Perforation, Inflammatory
Heart	Pericardium Nos	Inflammation, Chronic
Liver		Myelopoiesis
Lung		Bronchopneumonia, Acute
Spleen		Myelopoiesis
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Inflammation, Chronic Suppurative
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Pigmentation, Nos
Ovary		Hematoma, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Stomach		Mineralization
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_006

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
		Hepatocellular Adenoma
Spleen		Hemangiosarcoma
Stomach		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Spleen		Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Abdominal Cavity	Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Dosing Accident

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Esophagus  
Unspecified

Mediastinum Nos

Perforation, Inflammatory  
Inflammation, Fibrinous

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Necrosis, Nos
Ovary		Cyst, Nos
Skin		Sarcoma, Nos
Spleen		Hemangiosarcoma
		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_011

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Cytoplasmic Vacuolization
Ovary	Cyst, Nos
Pancreas	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Adenoma, Nos
Spleen	Hyperplasia, Lymphoid
Thymus	Hyperplasia, Lymphoid
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Spleen		Angiectasis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Renal Lymph Node	Hyperplasia, Lymphoid
Pancreas		Dilatation, Ducts
Pituitary gland		Adenoma, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_015

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Focal
Salivary gland		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Nos
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Abdominal Cavity	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization Hemosiderosis
Spleen		Lymphocytic Inflammatory Infiltrate Hyperplasia, Lymphoid
Stomach		Lymphocytic Inflammatory Infiltrate
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Ovary  
Uterus

Endometrium

Cyst, Nos  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_020

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Thymus		Lymphoma, Nos-Malignant
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lymph node  
Unspecified

Mandibular Lymph Node  
Multiple Organs Nos

Hemosiderosis  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Small  
Pancreas  
Pituitary gland  
Salivary gland  
Urinary bladder

Mesentery Nos

Necrosis, Fat  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Angiectasis  
Inflammation, Chronic Focal  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

Uterus

Endometrium

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Leukemoid Reaction
Brain		Inflammation, Suppurative
Gall bladder		Inflammation, Suppurative
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephrosis, Hydro
Liver		Leukocytosis, Nos
Lung		Leukocytosis, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
	Multiple Organs Nos	Myelopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Spleen		Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary  
Pituitary gland  
Spleen  
Urinary bladder

Teratoma, Nos  
Hyperplasia, Nos  
Congestion, Nos  
Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Focal Cellular Change
		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Abdominal Cavity	Necrosis, Fat
Urinary bladder		Hemangiosarcoma
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Pituitary gland

Spleen

Unspecified

Uterus

Multiple Organs Nos

Endometrium

Hyperplasia, Focal

Hematopoiesis

Lymphoma, Nos-Malignant

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Stomach		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Ovary  
Pituitary gland  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Pheochromocytoma  
Cyst, Nos  
Adenoma, Nos  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Angiectasis
		Hyperplasia, Focal
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_038

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Angiectasis
	Hyperplasia, Focal
Spleen	Hyperplasia, Lymphoid
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Congestion, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_039

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Stomach		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell Inflammation, Chronic
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Lymphocytic Inflammatory Infiltrate
Lymph node	Hepatic Lymph Node	Hyperplasia, Lymphoid
	Renal Lymph Node	Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Pituitary gland  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_043

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_045

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Pituitary gland		Adenoma, Nos
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Pituitary gland  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Adenoma, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Unspecified	Abdominal Cavity	Necrosis, Fat
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54751  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Ethylhexyl)phosphate  
**CAS Number:** 78-42-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:04:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**\*\* END OF REPORT \*\***