

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

C Number: C20101
Lock Date: 01/25/2006
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date NONE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505333
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505334
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Kidney	Papilla	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505335
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Testes	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505336
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505337
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Inflammation	Minimal
* Kidney	Papilla	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
* Thyroid Gland			

Note: One thyroid gland was missing.

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 3 DOSE: 625 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505338
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 3 DOSE: 625 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505339
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 3 DOSE: 625 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505340
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 3 DOSE: 625 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505341
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node	Mediastinal	Atrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 3 DOSE: 625 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505342
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 5 DOSE: 1250 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505343
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Epididymis	Inflammation	Minimal
* Liver	Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 5 DOSE: 1250 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505344
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 1250 ppm

DISP: Terminal Sacrifice

HISTO: 0505345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Glandular
* Urinary Bladder

* Epididymis
* Intestine Small, Duodenum
* Lung
* Pituitary Gland
* Testes

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Spleen
* Thymus

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 5 DOSE: 1250 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505346
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Urinary Bladder		Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 5 DOSE: 1250 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505347
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:37
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 2500 ppm

DISP: Terminal Sacrifice

HISTO: 0505348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Spleen	Lymph Follic	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 7	SEX: Male	DAY ON TEST: 29
	DOSE: 2500 ppm	DISP: Terminal Sacrifice	HISTO: 0505349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 2500 ppm

DISP: Terminal Sacrifice

HISTO: 0505350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 7 DOSE: 2500 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505351
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 2500 ppm

DISP: Terminal Sacrifice

HISTO: 0505352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 9 DOSE: 5000 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505353
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 9 DOSE: 5000 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505354
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 9 DOSE: 5000 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505355
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 9 DOSE: 5000 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505356
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 9	SEX: Male	DAY ON TEST: 29
	DOSE: 5000 ppm	DISP: Terminal Sacrifice	HISTO: 0505357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Pigmentation	Hemosiderin, Mild
[Pigmentation TGLS = 1 - 8]		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 11	SEX: Male	DAY ON TEST: 29
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0505358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Granuloma Sperm	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 11	SEX: Male	DAY ON TEST: 29
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0505359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 11	SEX: Male	DAY ON TEST: 29
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0505360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 11	SEX: Male	DAY ON TEST: 29
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0505361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mixed Cell, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 11	SEX: Male	DAY ON TEST: 29
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0505362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney	Papilla	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505363
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Thyroid Gland	Infiltration Cellular	Mononuclear CI, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: 0505364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505365
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505366
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node	Mediastinal	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505367
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 625 ppm

DISP: Terminal Sacrifice

HISTO: 0505368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Ovary
* Stomach, Glandular
* Uterus

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Pituitary Gland
* Thymus

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Spleen
* Thyroid Gland

* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Forestomach
* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex
* Liver

Hyperplasia
Infiltration Cellular

Minimal
Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 625 ppm

DISP: Terminal Sacrifice

HISTO: 0505369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Forestomach
* Urinary Bladder

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Ovary
* Stomach, Glandular
* Uterus

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Pituitary Gland
* Thymus

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Spleen
* Thyroid Gland

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 625 ppm

DISP: Terminal Sacrifice

HISTO: 0505370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Glandular
* Uterus

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Ovary
* Thymus

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Pituitary Gland
* Thyroid Gland

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Stomach, Forestomach
* Urinary Bladder

OBSERVATIONS

* Liver
* Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation

Mixed Cell, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 625 ppm

DISP: Terminal Sacrifice

HISTO: 0505371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Forestomach
* Urinary Bladder

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Ovary
* Stomach, Glandular
* Uterus

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Pituitary Gland
* Thymus

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Spleen
* Thyroid Gland

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 4 DOSE: 625 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505372
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Kidney	Infiltration Cellular	Mixed Cell, Minimal
* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 6 DOSE: 1250 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505373
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node	Mediastinal	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 1250 ppm

DISP: Terminal Sacrifice

HISTO: 0505374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Glandular
* Uterus

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Ovary
* Thymus

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Pituitary Gland
* Thyroid Gland

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Stomach, Forestomach
* Urinary Bladder

OBSERVATIONS

* Liver
* Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation

Mixed Cell, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 1250 ppm

DISP: Terminal Sacrifice

HISTO: 0505375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Glandular
* Uterus

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Ovary
* Thymus

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Spleen
* Thyroid Gland

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Stomach, Forestomach
* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 1250 ppm

DISP: Terminal Sacrifice

HISTO: 0505376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Rectum
* Kidney
* Ovary
* Stomach, Glandular
* Uterus

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Pituitary Gland
* Thymus

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Spleen
* Thyroid Gland

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Stomach, Forestomach
* Urinary Bladder

MISSING

* Lymph Node

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 6 DOSE: 1250 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505377
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node	Mediastinal	Hyperplasia	Minimal
* Thyroid Gland		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 8 DOSE: 2500 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505378
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Atrophy	Minimal
* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 8 DOSE: 2500 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505379
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 2500 ppm

DISP: Terminal Sacrifice

HISTO: 0505380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Stomach, Forestomach
* Uterus

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Ovary
* Stomach, Glandular

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node
* Pituitary Gland
* Thymus

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Spleen
* Urinary Bladder

OBSERVATIONS

* Liver
* Thyroid Gland

Infiltration Cellular
Infiltration Cellular

Mixed Cell, Minimal
Mononuclear CI, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 8 DOSE: 2500 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505381
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 8 DOSE: 2500 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505382
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 10 DOSE: 5000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505383
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 10 DOSE: 5000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505384
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mixed Cell, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 10 DOSE: 5000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505385
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 10 DOSE: 5000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505386
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node	Mediastinal	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 5000 ppm	DISP: Terminal Sacrifice	HISTO: 0505387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Spleen	Lymph Follic	Atrophy	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland		Infiltration Cellular	Lipocyte, Mild

Note: Brown fat infiltrate in both thyroid glands.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 12 DOSE: 10,000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505388
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Intestine Large, Rectum	Epithelium	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 12 DOSE: 10,000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505389
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 12 DOSE: 10,000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505390
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 12 DOSE: 10,000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: 0505391
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

MISSING

* Lymph Node

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Intestine Large, Rectum	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

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* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Intestine Large, Rectum	Epithelium	Hyperplasia	Minimal
* Kidney	Papilla	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH -

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE