

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:25

First Dose M/F: NA / NA

Lab: NA

C Number: C88148

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0001_03	0 mg/kg	Day : 92	4.9	246	36	41.6
0002_03	0 mg/kg	Day : 92	5.1	264	51	62.7
0003_03	0 mg/kg	Day : 92	5.2	268	53	30.1
0004_03	0 mg/kg	Day : 92	4.8	296	48	40.3
0005_03	0 mg/kg	Day : 92	4.8	249	52	40.6
0006_03	0 mg/kg	Day : 92	4.6	235	45	51.9
0007_03	0 mg/kg	Day : 92	5.2	272	50	22.4
0008_03	0 mg/kg	Day : 92	5.1	303	49	21.6
0009_03	0 mg/kg	Day : 92	5.2	274	40	29.1
0010_03	0 mg/kg	Day : 92	4.9	281	48	34.5
0011_03	0.1 mg/kg	Day : 92	4.9	313	55	62.3
0012_03	0.1 mg/kg	Day : 92	5.1	297	46	32.1
0013_03	0.1 mg/kg	Day : 92	5	348	50	30.9
0014_03	0.1 mg/kg	Day : 92	5.1	286	51	64
0015_03	0.1 mg/kg	Day : 92	4.8	293	62	24.5
0016_03	0.1 mg/kg	Day : 92	5.2	309	42	40.8
0017_03	0.1 mg/kg	Day : 92	4.8	256	42	23
0018_03	0.1 mg/kg	Day : 92	5.1	319	38	32.2
0019_03	0.1 mg/kg	Day : 92	5.1	321	49	26
0020_03	0.1 mg/kg	Day : 92	5	270	51	46.9
0021_03	1.0 mg/kg	Day : 92	5	252	40	23.5
0022_03	1.0 mg/kg	Day : 92	5.1	326	59	46.7

Experiment Number: 88148-03

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0023_03	1.0 mg/kg	Day : 92	5.1	325	48	22.1
0024_03	1.0 mg/kg	Day : 92	5.1	303	44	31.4
0025_03	1.0 mg/kg	Day : 92	4.6	205	30	32.1
0026_03	1.0 mg/kg	Day : 92	5.1	270	58	47.1
0027_03	1.0 mg/kg	Day : 92	5.2	295	45	36.8
0028_03	1.0 mg/kg	Day : 92	5.2	275	42	25.5
0029_03	1.0 mg/kg	Day : 92	5.2	271	49	43.2
0030_03	1.0 mg/kg	Day : 92	5.2	261	47	28.3
0031_03	3.0 mg/kg	Day : 92	5.1	317	45	40.8
0032_03	3.0 mg/kg	Day : 92	5.1	326	40	29.3
0033_03	3.0 mg/kg	Day : 92	5.2	285	57	48.8
0034_03	3.0 mg/kg	Day : 92	5.2	270	44	33.8
0035_03	3.0 mg/kg	Day : 92	5.5	336	50	22.6
0036_03	3.0 mg/kg	Day : 92	5.3	291	42	30.6
0037_03	3.0 mg/kg	Day : 92	5.2	286	46	38.8
0038_03	3.0 mg/kg	Day : 92	5.2	314	50	30.4
0039_03	3.0 mg/kg	Day : 92	5.1	320	46	51.5
0040_03	3.0 mg/kg	Day : 92	5.2	308	43	47.9
0041_03	10 mg/kg	Day : 92	5.3	347	45	26.4
0042_03	10 mg/kg	Day : 92	5.2	327	35	29
0043_03	10 mg/kg	Day : 92	5.2	303	44	34
0044_03	10 mg/kg	Day : 92	5.1	329	38	37.4

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0044_03	10 mg/kg	Day : 92	5.1	329	38	37.4
0045_03	10 mg/kg	Day : 92	5.1	302	47	50.2
0046_03	10 mg/kg	Day : 92	5.3	318	46	33.9
0047_03	10 mg/kg	Day : 92	5.3	323	46	24.2
0048_03	10 mg/kg	Day : 92	5.3	299	40	21.5
0049_03	10 mg/kg	Day : 92	5.1	278	36	34.7
0050_03	10 mg/kg	Day : 92	5.2	329	39	28.5
0051_03	30 mg/kg	Day : 92	5.2	302	40	34.4
0052_03	30 mg/kg	Day : 92	5.3	332	52	38.5
0053_03	30 mg/kg	Day : 92	5.4	279	43	42.7
0054_03	30 mg/kg	Day : 92	5.4	327	45	60.3
0055_03	30 mg/kg	Day : 92	5.3	321	41	58.9
0056_03	30 mg/kg	Day : 92	5.2	334	39	40.4
0057_03	30 mg/kg	Day : 92	5.4	349	41	28
0058_03	30 mg/kg	Day : 92	5.3	336	42	26.8
0059_03	30 mg/kg	Day : 92	5.5	326	40	44.8
0060_03	30 mg/kg	Day : 92	5.3	306	36	26.5
0121_03	0 mg/kg	Day : 3	3.6	776	52	42.2
0121_03	0 mg/kg	Day : 21	4.7	517	54	58.1
0122_03	0 mg/kg	Day : 3	4.1	879	50	48.7
0122_03	0 mg/kg	Day : 21	4.6	522	52	22.8
0123_03	0 mg/kg	Day : 3	4.1	875	61	154.5*

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0123_03	0 mg/kg	Day : 21	4.9	524	56	33
0124_03	0 mg/kg	Day : 3	4	814	50	51.8
0124_03	0 mg/kg	Day : 21	4.6	508	53	27.6
0125_03	0 mg/kg	Day : 3	3.9	784	46	39.8
0125_03	0 mg/kg	Day : 21	4.6	502	51	37.4
0126_03	0 mg/kg	Day : 3	3.8	715	43	14.1
0126_03	0 mg/kg	Day : 21	5	620	54	16.4
0127_03	0 mg/kg	Day : 3	4.1	583	43	30.3
0127_03	0 mg/kg	Day : 21	4.8	548	61	40.5
0128_03	0 mg/kg	Day : 3	4.2	683	49	36.6
0128_03	0 mg/kg	Day : 21	4.8	580	72	26
0129_03	0 mg/kg	Day : 3	4	719	48	21
0129_03	0 mg/kg	Day : 21	4.5	551	52	54.1
0130_03	0 mg/kg	Day : 3	3.9	643	45	13.6
0130_03	0 mg/kg	Day : 21	4.7	487	49	54.9
0131_03	0.1 mg/kg	Day : 3	3.9	857	52	37.5
0131_03	0.1 mg/kg	Day : 21	5	554	55	43.8
0132_03	0.1 mg/kg	Day : 3	4	753	42	28.1
0132_03	0.1 mg/kg	Day : 21	4.9	509	56	35.9
0133_03	0.1 mg/kg	Day : 3	3.9	704	44	116.1*
0133_03	0.1 mg/kg	Day : 21	4.7	486	56	34
0134_03	0.1 mg/kg	Day : 3	4.1	693	45	19

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0134_03	0.1 mg/kg	Day : 3	4.1	693	45	19
0134_03	0.1 mg/kg	Day : 21	4.6	558	56	30.5
0135_03	0.1 mg/kg	Day : 3	3.9	742	41	32
0135_03	0.1 mg/kg	Day : 21	4.8	528	57	17.9
0136_03	0.1 mg/kg	Day : 3	4	790	50	25.3
0136_03	0.1 mg/kg	Day : 21	5.1	542	63	37.6
0137_03	0.1 mg/kg	Day : 3	4	777	47	27.2
0137_03	0.1 mg/kg	Day : 21	5	549	60	54.6
0138_03	0.1 mg/kg	Day : 3	3.8	813	49	52.4
0138_03	0.1 mg/kg	Day : 21	4.6	533	53	71.7
0139_03	0.1 mg/kg	Day : 3	3.5	819	58	55.5
0139_03	0.1 mg/kg	Day : 21	4.6	552	52	76.7
0140_03	0.1 mg/kg	Day : 3	3.9	764	47	26.9
0140_03	0.1 mg/kg	Day : 21	4.8	512	57	20.1
0141_03	1.0 mg/kg	Day : 3	3.8	768	48	60.6
0141_03	1.0 mg/kg	Day : 21	5.1	494	56	40.6
0142_03	1.0 mg/kg	Day : 3	3.7	769	46	50.3
0142_03	1.0 mg/kg	Day : 21	5	503	54	32.3
0143_03	1.0 mg/kg	Day : 3	3.9	877	46	26.3
0143_03	1.0 mg/kg	Day : 21	4.8	448	51	18.2
0144_03	1.0 mg/kg	Day : 3	3.9	934	48	72.6
0144_03	1.0 mg/kg	Day : 21	4.8	504	47	17.6

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0145_03	1.0 mg/kg	Day : 3	4	722	40	50.8
0145_03	1.0 mg/kg	Day : 21	4.7	452	50	53.2
0146_03	1.0 mg/kg	Day : 3	4	838	43	44.3
0146_03	1.0 mg/kg	Day : 21	5	485	55	30.1
0147_03	1.0 mg/kg	Day : 3	4	892	46	63
0147_03	1.0 mg/kg	Day : 21	4.6	467	53	28.1
0148_03	1.0 mg/kg	Day : 3	4.2	763	45	74.2
0149_03	1.0 mg/kg	Day : 3	3.9	783	50	45.3
0149_03	1.0 mg/kg	Day : 21	4.3	497	55	29.5
0150_03	1.0 mg/kg	Day : 3	4	869	53	54.4
0150_03	1.0 mg/kg	Day : 21	4.8	472	49	24.5
0151_03	3.0 mg/kg	Day : 3	4.2	829	54	71.7
0151_03	3.0 mg/kg	Day : 21	4.8	472	53	30.5
0152_03	3.0 mg/kg	Day : 3	4.1	845	52	68.5
0152_03	3.0 mg/kg	Day : 21	4.8	428	52	42.8
0153_03	3.0 mg/kg	Day : 3	4.4	864	47	42.5
0153_03	3.0 mg/kg	Day : 21	4.9	474	53	38.6
0154_03	3.0 mg/kg	Day : 3	4	908	52	63
0154_03	3.0 mg/kg	Day : 21	4.8	497	48	51.6
0155_03	3.0 mg/kg	Day : 3	4	776	46	28.4
0155_03	3.0 mg/kg	Day : 21	4.8	467	56	24.2
0156_03	3.0 mg/kg	Day : 3	4.1	893	48	61.3

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0156_03	3.0 mg/kg	Day : 3	4.1	893	48	61.3
0157_03	3.0 mg/kg	Day : 3	4	793	50	64.5
0157_03	3.0 mg/kg	Day : 21	4.7	499	53	43
0158_03	3.0 mg/kg	Day : 3	4	883	50	36.2
0158_03	3.0 mg/kg	Day : 21	4.9	523	51	24.3
0159_03	3.0 mg/kg	Day : 3	4	846	50	46.8
0159_03	3.0 mg/kg	Day : 21	4.5	465	51	40.5
0160_03	3.0 mg/kg	Day : 3	3.9	947	46	43.3
0160_03	3.0 mg/kg	Day : 21	5.2	493	56	20.8
0161_03	10 mg/kg	Day : 3	3.8	843	45	37.3
0161_03	10 mg/kg	Day : 21	5.3	471	52	27.2
0162_03	10 mg/kg	Day : 3	4.1	764	46	42.6
0162_03	10 mg/kg	Day : 21	4.9	399	53	24.3
0163_03	10 mg/kg	Day : 3	4	955	53	45.8
0163_03	10 mg/kg	Day : 21	4.8	461	46	29.3
0164_03	10 mg/kg	Day : 3	3.8	827	45	36.1
0164_03	10 mg/kg	Day : 21	4.6	485	49	18.5
0165_03	10 mg/kg	Day : 3	4.3	716	38	48.1
0165_03	10 mg/kg	Day : 21	4.9	430	47	27.1
0166_03	10 mg/kg	Day : 3	3.8	987	56	76.7
0166_03	10 mg/kg	Day : 21	4.9	487	48	25.6
0167_03	10 mg/kg	Day : 3	4	837	46	41.6

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0167_03	10 mg/kg	Day : 21	5.2	500	54	39.2
0168_03	10 mg/kg	Day : 3	4.1	808	42	35.5
0168_03	10 mg/kg	Day : 21	5	516	56	48.3
0169_03	10 mg/kg	Day : 3	3.8	887	46	58.8
0169_03	10 mg/kg	Day : 21	4.9	465	49	26.6
0170_03	10 mg/kg	Day : 3	3.9	866	53	46.8
0170_03	10 mg/kg	Day : 21	4.9	521	52	22.7
0171_03	30 mg/kg	Day : 3	3.9	877	40	28.8
0171_03	30 mg/kg	Day : 21	5.1	437	49	19.7
0172_03	30 mg/kg	Day : 3	3.9	877	52	72.7
0172_03	30 mg/kg	Day : 21	5.1	485	47	31.8
0173_03	30 mg/kg	Day : 3	4.2	699	33	20.1
0173_03	30 mg/kg	Day : 21	4.8	502	50	21.6
0174_03	30 mg/kg	Day : 3	4.1	737	39	63.7
0174_03	30 mg/kg	Day : 21	4.8	392	44	24.1
0175_03	30 mg/kg	Day : 3	3.9	856	44	59.2
0175_03	30 mg/kg	Day : 21	4.9	490	46	33.1
0176_03	30 mg/kg	Day : 3	4	885	45	22.2
0176_03	30 mg/kg	Day : 21	5.1	526	48	31.9
0177_03	30 mg/kg	Day : 3	4	865	45	32
0177_03	30 mg/kg	Day : 21	5.1	486	47	18.8
0178_03	30 mg/kg	Day : 3	4.2	794	36	22.1

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:26

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0178_03	30 mg/kg	Day : 3	4.2	794	36	22.1
0178_03	30 mg/kg	Day : 21	4.8	492	46	16.5
0179_03	30 mg/kg	Day : 3	4	876	51	79.6
0179_03	30 mg/kg	Day : 21	5.1	458	50	37.3
0180_03	30 mg/kg	Day : 3	3.9	846	50	38.3
0180_03	30 mg/kg	Day : 21	4.8	491	51	20.6

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0001_03	0 mg/kg	Day : 92	20	0.6	99.1	6.8
0002_03	0 mg/kg	Day : 92	19	0.6	91.9	7
0003_03	0 mg/kg	Day : 92	19	0.7	104.63	7.2
0004_03	0 mg/kg	Day : 92	22	0.6	83.14	6.5
0005_03	0 mg/kg	Day : 92	17	0.6	87.88	6.7
0006_03	0 mg/kg	Day : 92	19	0.4	83.36	6.6
0007_03	0 mg/kg	Day : 92	18	0.5	100.03	7.3
0008_03	0 mg/kg	Day : 92	16	0.7	109.09	7.1
0009_03	0 mg/kg	Day : 92	19	0.6	107.92	7.1
0010_03	0 mg/kg	Day : 92	16	0.6	97.95	6.9
0011_03	0.1 mg/kg	Day : 92	17	0.6	89.95	7
0012_03	0.1 mg/kg	Day : 92	19	0.6	97.44	6.9
0013_03	0.1 mg/kg	Day : 92	20	0.6	86.81	7.2
0014_03	0.1 mg/kg	Day : 92	16	0.6	86.52	7.1
0015_03	0.1 mg/kg	Day : 92	17	0.7	85.56	6.7
0016_03	0.1 mg/kg	Day : 92	18	0.6	104.24	7.2
0017_03	0.1 mg/kg	Day : 92	17	0.6	88.09	7
0018_03	0.1 mg/kg	Day : 92	17	0.7	103.64	7.1
0019_03	0.1 mg/kg	Day : 92	17	0.7	105.01	7.1
0020_03	0.1 mg/kg	Day : 92	19	0.6	92.83	6.8
0021_03	1.0 mg/kg	Day : 92	17	0.6	103.25	7.2
0022_03	1.0 mg/kg	Day : 92	19	0.7	93.22	7.4

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0023_03	1.0 mg/kg	Day : 92	20	0.6	99.8	7.2
0024_03	1.0 mg/kg	Day : 92	23	0.6	99.8	7
0025_03	1.0 mg/kg	Day : 92	20	0.6	90.23	6.5
0026_03	1.0 mg/kg	Day : 92	16	0.6	99.57	7.2
0027_03	1.0 mg/kg	Day : 92	20	0.5	101.65	7.4
0028_03	1.0 mg/kg	Day : 92	19	0.6	96.32	7.3
0029_03	1.0 mg/kg	Day : 92	19	0.6	109.02	7.2
0030_03	1.0 mg/kg	Day : 92	17	0.6	109.15	7.4
0031_03	3.0 mg/kg	Day : 92	18	0.7	86.64	7.5
0032_03	3.0 mg/kg	Day : 92	20	0.7	97.85	7.6
0033_03	3.0 mg/kg	Day : 92	21	0.7	94.45	7.9
0034_03	3.0 mg/kg	Day : 92	20	0.7	111.42	7.2
0035_03	3.0 mg/kg	Day : 92	25	0.6	108.06	7.6
0036_03	3.0 mg/kg	Day : 92	21	0.7	102.94	7.4
0037_03	3.0 mg/kg	Day : 92	17	0.6	104.81	7.5
0038_03	3.0 mg/kg	Day : 92	19	0.6	106.71	7.1
0039_03	3.0 mg/kg	Day : 92	19	0.7	92.33	7.2
0040_03	3.0 mg/kg	Day : 92	18	0.7	97.77	7.3
0041_03	10 mg/kg	Day : 92	22	0.7	115.54	7.4
0042_03	10 mg/kg	Day : 92	18	0.6	99.01	7.3
0043_03	10 mg/kg	Day : 92	19	0.6	99.99	7.2
0044_03	10 mg/kg	Day : 92	17	0.7	97.19	7.4

Experiment Number: 88148-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 15:19:26

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0045_03	10 mg/kg	Day : 92	17	0.6	96.97	7.1
0046_03	10 mg/kg	Day : 92	19	0.6	108.7	7.5
0047_03	10 mg/kg	Day : 92	18	0.6	106.88	7.4
0048_03	10 mg/kg	Day : 92	18	0.6	113	7.4
0049_03	10 mg/kg	Day : 92	16	0.6	106.32	7.4
0050_03	10 mg/kg	Day : 92	20	0.7	98.56	7.3
0051_03	30 mg/kg	Day : 92	19	0.6	98.56	6.9
0052_03	30 mg/kg	Day : 92	20	0.6	100.93	7.1
0053_03	30 mg/kg	Day : 92	16	0.6	109.2	7.4
0054_03	30 mg/kg	Day : 92	23	0.8	92.78	7.8
0055_03	30 mg/kg	Day : 92	19	0.6	109.8	7.2
0056_03	30 mg/kg	Day : 92	19	0.7	98.32	7.2
0057_03	30 mg/kg	Day : 92	21	0.6	112.2	7.5
0058_03	30 mg/kg	Day : 92	19	0.7	122.34	7.5
0059_03	30 mg/kg	Day : 92	19	0.7	116.92	7.5
0060_03	30 mg/kg	Day : 92	25	0.6	97.3	7
0121_03	0 mg/kg	Day : 3	24	0.5		5
0121_03	0 mg/kg	Day : 21	17	0.6	77.86	6.7
0122_03	0 mg/kg	Day : 3	21	0.6		5.5
0122_03	0 mg/kg	Day : 21	19	0.6	69.6	6.1
0123_03	0 mg/kg	Day : 3	23	0.7		5.6
0123_03	0 mg/kg	Day : 21	20	0.6	86.44	6.6

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0124_03	0 mg/kg	Day : 3	16	0.6		5.4
0124_03	0 mg/kg	Day : 21	19	0.6	83.77	6.5
0125_03	0 mg/kg	Day : 3	21	0.6		5.2
0125_03	0 mg/kg	Day : 21	18	0.7	89.57	6.6
0126_03	0 mg/kg	Day : 3	20	0.6		5.1
0126_03	0 mg/kg	Day : 21	20	0.6	90.05	6.8
0127_03	0 mg/kg	Day : 3	25	0.6		5.4
0127_03	0 mg/kg	Day : 21	24	0.6	85.86	6.5
0128_03	0 mg/kg	Day : 3	22	0.6		5.5
0128_03	0 mg/kg	Day : 21	21	0.6	92.16	6.4
0129_03	0 mg/kg	Day : 3	20	0.6		5.2
0129_03	0 mg/kg	Day : 21	21	0.6	75.16	6.3
0130_03	0 mg/kg	Day : 3	19	0.5		5.2
0130_03	0 mg/kg	Day : 21	23	0.6	93.35	6.3
0131_03	0.1 mg/kg	Day : 3	16	0.6		5.2
0131_03	0.1 mg/kg	Day : 21	15	0.6	88.54	6.7
0132_03	0.1 mg/kg	Day : 3	21	0.6		5.5
0132_03	0.1 mg/kg	Day : 21	19	0.6	89.59	6.8
0133_03	0.1 mg/kg	Day : 3	22	0.6		5.5
0133_03	0.1 mg/kg	Day : 21	20	0.6	78.87	6.3
0134_03	0.1 mg/kg	Day : 3	21	0.6		5.6
0134_03	0.1 mg/kg	Day : 21	18	0.5	90.9	6.7

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:26

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0135_03	0.1 mg/kg	Day : 3	17	0.5		5.3
0135_03	0.1 mg/kg	Day : 21	19	0.6	80.65	6.4
0136_03	0.1 mg/kg	Day : 3	21	0.5		5.5
0136_03	0.1 mg/kg	Day : 21	20	0.6	87.68	6.9
0137_03	0.1 mg/kg	Day : 3	20	0.6		5.4
0137_03	0.1 mg/kg	Day : 21	19	0.7	79.42	6.9
0138_03	0.1 mg/kg	Day : 3	19	0.6		5.1
0138_03	0.1 mg/kg	Day : 21	20	0.6	73.02	6.4
0139_03	0.1 mg/kg	Day : 3	18	0.5		4.7
0139_03	0.1 mg/kg	Day : 21	18	0.6	72.91	6.2
0140_03	0.1 mg/kg	Day : 3	20	0.5		5.3
0140_03	0.1 mg/kg	Day : 21	18	0.6	85.87	6.6
0141_03	1.0 mg/kg	Day : 3	16	0.5		5.2
0141_03	1.0 mg/kg	Day : 21	18	0.7	83.6	6.9
0142_03	1.0 mg/kg	Day : 3	20	0.5		5.1
0142_03	1.0 mg/kg	Day : 21	20	0.6	86	6.7
0143_03	1.0 mg/kg	Day : 3	20	0.6		5
0143_03	1.0 mg/kg	Day : 21	20	0.6	77.69	6.7
0144_03	1.0 mg/kg	Day : 3	19	0.6		5.3
0144_03	1.0 mg/kg	Day : 21	17	0.6	86.4	6.8
0145_03	1.0 mg/kg	Day : 3	18	0.5		5.5
0145_03	1.0 mg/kg	Day : 21	22	0.6	75.74	6.4

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:26

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0146_03	1.0 mg/kg	Day : 3	18	0.6		5.4
0146_03	1.0 mg/kg	Day : 21	19	0.6	89.43	6.9
0147_03	1.0 mg/kg	Day : 3	17	0.5		5.3
0147_03	1.0 mg/kg	Day : 21	17	0.5	85.51	6.4
0148_03	1.0 mg/kg	Day : 3	21	0.6		5.8
0149_03	1.0 mg/kg	Day : 3	19	0.5		5.2
0149_03	1.0 mg/kg	Day : 21	19	0.6	78.34	6.1
0150_03	1.0 mg/kg	Day : 3	17	0.5		5.4
0150_03	1.0 mg/kg	Day : 21	20	0.6	78.02	6.6
0151_03	3.0 mg/kg	Day : 3	20	0.6		5.4
0151_03	3.0 mg/kg	Day : 21	20	0.6	84.05	6.6
0152_03	3.0 mg/kg	Day : 3	20	0.6		5.4
0152_03	3.0 mg/kg	Day : 21	20	0.6	79.36	6.7
0153_03	3.0 mg/kg	Day : 3	25	0.6		5.9
0153_03	3.0 mg/kg	Day : 21	22	0.7	77.07	6.9
0154_03	3.0 mg/kg	Day : 3	16	0.5		5.5
0154_03	3.0 mg/kg	Day : 21	20	0.6	97.86	6.7
0155_03	3.0 mg/kg	Day : 3	22	0.6		5.7
0155_03	3.0 mg/kg	Day : 21	22	0.6	94	6.6
0156_03	3.0 mg/kg	Day : 3	21	0.6		5.6
0157_03	3.0 mg/kg	Day : 3	20	0.6		5.5
0157_03	3.0 mg/kg	Day : 21	20	0.6	78.8	6.4

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0158_03	3.0 mg/kg	Day : 3	19	0.6		5.4
0158_03	3.0 mg/kg	Day : 21	17	0.6	82.19	6.7
0159_03	3.0 mg/kg	Day : 3	22	0.6		5.5
0159_03	3.0 mg/kg	Day : 21	19	0.6	84.49	6.5
0160_03	3.0 mg/kg	Day : 3	17	0.6		5.2
0160_03	3.0 mg/kg	Day : 21	20	0.7	103.94	7
0161_03	10 mg/kg	Day : 3	20	0.5		5.2
0161_03	10 mg/kg	Day : 21	18	0.7	96.77	7.1
0162_03	10 mg/kg	Day : 3	23	0.6		5.8
0162_03	10 mg/kg	Day : 21	19	0.6	77.49	6.7
0163_03	10 mg/kg	Day : 3	21	0.6		5.3
0163_03	10 mg/kg	Day : 21	18	0.6	78.27	6.8
0164_03	10 mg/kg	Day : 3	17	0.5		5.3
0164_03	10 mg/kg	Day : 21	18	0.6	85.09	6.1
0165_03	10 mg/kg	Day : 3	20	0.6		5.9
0165_03	10 mg/kg	Day : 21	20	0.6	72.46	6.5
0166_03	10 mg/kg	Day : 3	19	0.7		5.2
0166_03	10 mg/kg	Day : 21	19	0.6	82.11	6.6
0167_03	10 mg/kg	Day : 3	18	0.5		5.4
0167_03	10 mg/kg	Day : 21	19	0.6	93.73	7.1
0168_03	10 mg/kg	Day : 3	22	0.6		5.6
0168_03	10 mg/kg	Day : 21	19	0.6	77.31	7

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:26

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0169_03	10 mg/kg	Day : 3	19	0.5		5.1
0169_03	10 mg/kg	Day : 21	21	0.6	80.64	7
0170_03	10 mg/kg	Day : 3	20	0.5		5.3
0170_03	10 mg/kg	Day : 21	20	0.7	92.28	7
0171_03	30 mg/kg	Day : 3	17	0.6		5.5
0171_03	30 mg/kg	Day : 21	18	0.7	96.42	7.6
0172_03	30 mg/kg	Day : 3	18	0.5		5.2
0172_03	30 mg/kg	Day : 21	19	0.6	98.39	6.9
0173_03	30 mg/kg	Day : 3	19	0.6		5.7
0173_03	30 mg/kg	Day : 21	21	0.6	84.33	6.7
0174_03	30 mg/kg	Day : 3	21	0.7		5.4
0174_03	30 mg/kg	Day : 21	21	0.6	76.33	6.5
0175_03	30 mg/kg	Day : 3	17	0.6		5.3
0175_03	30 mg/kg	Day : 21	18	0.6	77.56	6.8
0176_03	30 mg/kg	Day : 3	19	0.6		5.4
0176_03	30 mg/kg	Day : 21	19	0.6	89.56	7.1
0177_03	30 mg/kg	Day : 3	20	0.6		5.5
0177_03	30 mg/kg	Day : 21	18	0.7	99.29	7.1
0178_03	30 mg/kg	Day : 3	18	0.6		5.7
0178_03	30 mg/kg	Day : 21	20	0.6	85.92	6.6
0179_03	30 mg/kg	Day : 3	18	0.3		5.5
0179_03	30 mg/kg	Day : 21	20	0.7		6.9

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:27

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0180_03	30 mg/kg	Day : 3	20	0.7		5.2
0180_03	30 mg/kg	Day : 21	18	0.6	93.43	6.8

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0001_03	0 mg/kg	Day : 92	11	3.66	3.31	144.18
0002_03	0 mg/kg	Day : 92	16	2.12	3.53	170.79
0003_03	0 mg/kg	Day : 92	14	2.33	3.15	138.84
0004_03	0 mg/kg	Day : 92	17	0.58	2.66	91.23
0005_03	0 mg/kg	Day : 92	15	1.5	3.83	161.52
0006_03	0 mg/kg	Day : 92	15	1.81	2.54	102.41
0007_03	0 mg/kg	Day : 92	15	1.09	4.29	145.28
0008_03	0 mg/kg	Day : 92	18	2.98	3.5	153.37
0009_03	0 mg/kg	Day : 92	17	2.21	4.08	131.62
0010_03	0 mg/kg	Day : 92	17	1.64	3.33	159.25
0011_03	0.1 mg/kg	Day : 92	19	1.81	2.25	103.01
0012_03	0.1 mg/kg	Day : 92	16	2.25	1.27	118.67
0013_03	0.1 mg/kg	Day : 92	21	2.96	1.65	100.03
0014_03	0.1 mg/kg	Day : 92	20	1.32	2.91	121.01
0015_03	0.1 mg/kg	Day : 92	25	1.44	2.6	110.43
0016_03	0.1 mg/kg	Day : 92	17	2.45	1.42	101.2
0017_03	0.1 mg/kg	Day : 92	18	1.11	1.82	118.02
0018_03	0.1 mg/kg	Day : 92	19	2.37	2.48	129.8
0019_03	0.1 mg/kg	Day : 92	22	1.12	2.94	123.04
0020_03	0.1 mg/kg	Day : 92	21	1.27	1.91	106.32
0021_03	1.0 mg/kg	Day : 92	20	1.34	0.92	111.44

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0022_03	1.0 mg/kg	Day : 92	23	2.35	0	133.58
0023_03	1.0 mg/kg	Day : 92	20	2.58	0.72	150.47
0024_03	1.0 mg/kg	Day : 92	19	1.69	0.68	114.25
0025_03	1.0 mg/kg	Day : 92	13	1.04	1.53	111.75
0026_03	1.0 mg/kg	Day : 92	22	2.11	0	100.95
0027_03	1.0 mg/kg	Day : 92	19	2.78	0.06	108.86
0028_03	1.0 mg/kg	Day : 92	21	1.82	0.57	150.44
0029_03	1.0 mg/kg	Day : 92	20	1.6	1.23	115.41
0030_03	1.0 mg/kg	Day : 92	19	1.49	0.78	112.09
0031_03	3.0 mg/kg	Day : 92	19	1.41	0	81.61
0032_03	3.0 mg/kg	Day : 92	22	1.69	0.12	127.22
0033_03	3.0 mg/kg	Day : 92	20	2.5	0.09	91.35
0034_03	3.0 mg/kg	Day : 92	16	1.4	0.41	116.83
0035_03	3.0 mg/kg	Day : 92	14	3.19	0.76	110.7
0036_03	3.0 mg/kg	Day : 92	22	1.58	0.73	101.21
0037_03	3.0 mg/kg	Day : 92	22	2.25	0.95	136.04
0038_03	3.0 mg/kg	Day : 92	22	1.84	0.61	135.41
0039_03	3.0 mg/kg	Day : 92	26	2.89	0	119.86
0040_03	3.0 mg/kg	Day : 92	15	3.81	0.9	140.87
0041_03	10 mg/kg	Day : 92	19	4.18	0.54	138.26
0042_03	10 mg/kg	Day : 92	21	1.82	0.66	107.4

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0043_03	10 mg/kg	Day : 92	23	1.76	0.78	122.9
0044_03	10 mg/kg	Day : 92	27	3.79	0	121.51
0045_03	10 mg/kg	Day : 92	18	1.24	0.06	102.35
0046_03	10 mg/kg	Day : 92	17	3	0.24	136.1
0047_03	10 mg/kg	Day : 92	29	1.39	0.99	107.27
0048_03	10 mg/kg	Day : 92	18	3.24	0.45	123.58
0049_03	10 mg/kg	Day : 92	19	3.08	0.19	104.77
0050_03	10 mg/kg	Day : 92	18	3.72	0.72	128.53
0051_03	30 mg/kg	Day : 92	15	2.93	0	74.74
0052_03	30 mg/kg	Day : 92	22	3.07	0.26	87.92
0053_03	30 mg/kg	Day : 92	17	1.66	0	115.64
0054_03	30 mg/kg	Day : 92	23	2.78	0.06	98.36
0055_03	30 mg/kg	Day : 92	13	2.73	0	76.24
0056_03	30 mg/kg	Day : 92	22	3.79	0	91.12
0057_03	30 mg/kg	Day : 92	19	5.49	0	139.79
0058_03	30 mg/kg	Day : 92	21	1.44	0.46	113.25
0059_03	30 mg/kg	Day : 92	21	4.68	0	109.98
0060_03	30 mg/kg	Day : 92	21	5.9	0.22	108.85
0121_03	0 mg/kg	Day : 3	24			
0121_03	0 mg/kg	Day : 21	25	1.61	4.06	133.36
0122_03	0 mg/kg	Day : 3	12			

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0122_03	0 mg/kg	Day : 21	8	2.14	4.63	105.32
0123_03	0 mg/kg	Day : 3	27			
0123_03	0 mg/kg	Day : 21	13	2.92	4.51	101.32
0124_03	0 mg/kg	Day : 3	21			
0124_03	0 mg/kg	Day : 21	19	1.35	4.32	122.65
0125_03	0 mg/kg	Day : 3	21			
0125_03	0 mg/kg	Day : 21	21	1.74	4.34	133.65
0126_03	0 mg/kg	Day : 3	18			
0126_03	0 mg/kg	Day : 21	17	1.63	4.1	137.56
0127_03	0 mg/kg	Day : 3	14			
0127_03	0 mg/kg	Day : 21	17	0.83	3.4	76.52
0128_03	0 mg/kg	Day : 3	16			
0128_03	0 mg/kg	Day : 21	16	1.44	4.1	119.98
0129_03	0 mg/kg	Day : 3	18			
0129_03	0 mg/kg	Day : 21	22	1.21	4.06	116.64
0130_03	0 mg/kg	Day : 3	16			
0130_03	0 mg/kg	Day : 21	15	3.61	4.12	123.55
0131_03	0.1 mg/kg	Day : 3	17			
0131_03	0.1 mg/kg	Day : 21	15	1.75	3.18	117.09
0132_03	0.1 mg/kg	Day : 3	19			
0132_03	0.1 mg/kg	Day : 21	13	3.21	3.75	110.34

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0133_03	0.1 mg/kg	Day : 3	20			
0133_03	0.1 mg/kg	Day : 21	17	1.01	2.81	70.13
0134_03	0.1 mg/kg	Day : 3	15			
0134_03	0.1 mg/kg	Day : 21	19	2.4	2.75	133.58
0135_03	0.1 mg/kg	Day : 3	17			
0135_03	0.1 mg/kg	Day : 21	13	1.38	4.17	113.02
0136_03	0.1 mg/kg	Day : 3	19			
0136_03	0.1 mg/kg	Day : 21	18	0.86	2.81	86.39
0137_03	0.1 mg/kg	Day : 3	13			
0137_03	0.1 mg/kg	Day : 21	13	0.81	3.23	84.7
0138_03	0.1 mg/kg	Day : 3	19			
0138_03	0.1 mg/kg	Day : 21	22	0.46	2.27	55.42
0139_03	0.1 mg/kg	Day : 3	19			
0139_03	0.1 mg/kg	Day : 21	21	0.69	2.5	76.94
0140_03	0.1 mg/kg	Day : 3	21			
0140_03	0.1 mg/kg	Day : 21	18	0.98	3.02	97.33
0141_03	1.0 mg/kg	Day : 3	15			
0141_03	1.0 mg/kg	Day : 21	21	2.68	1.54	81.58
0142_03	1.0 mg/kg	Day : 3	16			
0142_03	1.0 mg/kg	Day : 21	15	2.73	2.41	90.41
0143_03	1.0 mg/kg	Day : 3	11			

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0143_03	1.0 mg/kg	Day : 21	15	1.39	1.74	99.49
0144_03	1.0 mg/kg	Day : 3	15			
0144_03	1.0 mg/kg	Day : 21	16	1.69	1.59	68.28
0145_03	1.0 mg/kg	Day : 3	18			
0145_03	1.0 mg/kg	Day : 21	11	0.98	0.89	
0146_03	1.0 mg/kg	Day : 3	20			
0146_03	1.0 mg/kg	Day : 21	17	1.36	2.32	104.18
0147_03	1.0 mg/kg	Day : 3	18			
0147_03	1.0 mg/kg	Day : 21	16	1.64	1.76	100.66
0148_03	1.0 mg/kg	Day : 3	20			
0149_03	1.0 mg/kg	Day : 3	16			
0149_03	1.0 mg/kg	Day : 21	13	2.11	2	86.73
0150_03	1.0 mg/kg	Day : 3	9			
0150_03	1.0 mg/kg	Day : 21	13	1.46	1.78	83.84
0151_03	3.0 mg/kg	Day : 3	26			
0151_03	3.0 mg/kg	Day : 21	20	4.54	0.89	93.82
0152_03	3.0 mg/kg	Day : 3	20			
0152_03	3.0 mg/kg	Day : 21	19	4.71	0.64	79.34
0153_03	3.0 mg/kg	Day : 3	20			
0153_03	3.0 mg/kg	Day : 21	16	4.18	1.59	113.92
0154_03	3.0 mg/kg	Day : 3	15			

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0154_03	3.0 mg/kg	Day : 21	18	1.71		92.58
0155_03	3.0 mg/kg	Day : 3	22			
0155_03	3.0 mg/kg	Day : 21	19	4.11	1.04	61.68
0156_03	3.0 mg/kg	Day : 3	19			
0157_03	3.0 mg/kg	Day : 3	18			
0157_03	3.0 mg/kg	Day : 21	20	1.78	1.85	109.81
0158_03	3.0 mg/kg	Day : 3	21			
0158_03	3.0 mg/kg	Day : 21	11	5.21	2.06	112.65
0159_03	3.0 mg/kg	Day : 3	23			
0159_03	3.0 mg/kg	Day : 21	17	1.95	0.88	61.42
0160_03	3.0 mg/kg	Day : 3	21			
0160_03	3.0 mg/kg	Day : 21	20	2.46	1.67	87.75
0161_03	10 mg/kg	Day : 3	23			
0161_03	10 mg/kg	Day : 21	21	2.06	1.55	118.52
0162_03	10 mg/kg	Day : 3	18			
0162_03	10 mg/kg	Day : 21	15	4.17	1.22	96.86
0163_03	10 mg/kg	Day : 3	23			
0163_03	10 mg/kg	Day : 21	15	2.12	2.44	130.33
0164_03	10 mg/kg	Day : 3	17			
0164_03	10 mg/kg	Day : 21	16	2.24	1.93	80.29
0165_03	10 mg/kg	Day : 3	19			

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0165_03	10 mg/kg	Day : 21	17	1.91	1.47	
0166_03	10 mg/kg	Day : 3	23			
0166_03	10 mg/kg	Day : 21	28	3.85	1.47	117.56
0167_03	10 mg/kg	Day : 3	17			
0167_03	10 mg/kg	Day : 21	16	3.11	1.88	110.43
0168_03	10 mg/kg	Day : 3	20			
0168_03	10 mg/kg	Day : 21	16	2.39	2.51	98.76
0169_03	10 mg/kg	Day : 3	20			
0169_03	10 mg/kg	Day : 21	18	4.36	1.47	105.08
0170_03	10 mg/kg	Day : 3	12			
0170_03	10 mg/kg	Day : 21	22	5.58	1.78	
0171_03	30 mg/kg	Day : 3	22			
0171_03	30 mg/kg	Day : 21	20	1.42	1.63	125.9
0172_03	30 mg/kg	Day : 3	16			
0172_03	30 mg/kg	Day : 21	14	3.12	1.39	83.38
0173_03	30 mg/kg	Day : 3	15			
0173_03	30 mg/kg	Day : 21	14	2.54	1.64	99.41
0174_03	30 mg/kg	Day : 3	27			
0174_03	30 mg/kg	Day : 21	19	1.64		49.43
0175_03	30 mg/kg	Day : 3	14			
0175_03	30 mg/kg	Day : 21	14	2.26	0.34	58.99

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:27

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0176_03	30 mg/kg	Day : 3	17			
0176_03	30 mg/kg	Day : 21	14	5.73	0.77	108.29
0177_03	30 mg/kg	Day : 3	24			
0177_03	30 mg/kg	Day : 21	19	3.55	2.33	102.65
0178_03	30 mg/kg	Day : 3	12			
0178_03	30 mg/kg	Day : 21	18	2.43	0.83	103.02
0179_03	30 mg/kg	Day : 3	13			
0179_03	30 mg/kg	Day : 21	18	2.79		
0180_03	30 mg/kg	Day : 3	16			
0180_03	30 mg/kg	Day : 21	19	4.4	1.09	111.02

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0061_03	0 mg/kg	Day : 92	4.9	247	63	40
0062_03	0 mg/kg	Day : 92	4.8	243	51	32.4
0063_03	0 mg/kg	Day : 92	4.7	272	49	40.5
0064_03	0 mg/kg	Day : 92	4.6	200	46	76.4
0065_03	0 mg/kg	Day : 92	4.8	236	41	18.4
0066_03	0 mg/kg	Day : 92	5.4	228	116	25.4
0067_03	0 mg/kg	Day : 92	4.8	248	47	20.3
0068_03	0 mg/kg	Day : 92	5.1	316	47	32.8
0069_03	0 mg/kg	Day : 92	5.1	284	42	27
0070_03	0 mg/kg	Day : 92	4.9	256	41	48.7
0071_03	0.1 mg/kg	Day : 92	4.9	260	56	43.2
0072_03	0.1 mg/kg	Day : 92	5.1	270	53	20.9
0073_03	0.1 mg/kg	Day : 92	4.9	253	47	17.3
0074_03	0.1 mg/kg	Day : 92	4.7	239	39	23.9
0075_03	0.1 mg/kg	Day : 92	5	263	43	33.4
0076_03	0.1 mg/kg	Day : 92	5.1	285	50	54.5
0077_03	0.1 mg/kg	Day : 92	5.4	293	52	26
0078_03	0.1 mg/kg	Day : 92	3	142	20	33
0079_03	0.1 mg/kg	Day : 92	5.1	256	55	76.4
0080_03	0.1 mg/kg	Day : 92	4.9	294	88	108.9
0081_03	1.0 mg/kg	Day : 92	5	300	45	43.7
0082_03	1.0 mg/kg	Day : 92	5.3	278	38	31.4

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0083_03	1.0 mg/kg	Day : 92	4.9	275	43	15.7
0084_03	1.0 mg/kg	Day : 92	5.2	269	61	20
0085_03	1.0 mg/kg	Day : 92	4.9	291	48	41.7
0086_03	1.0 mg/kg	Day : 92	5.5	308	47	16.5
0087_03	1.0 mg/kg	Day : 92	4.8	295	69	35
0088_03	1.0 mg/kg	Day : 92	5	269	36	23.5
0089_03	1.0 mg/kg	Day : 92	4.9	295	56	22.9
0090_03	1.0 mg/kg	Day : 92	5	254	44	36.7
0091_03	3.0 mg/kg	Day : 92	5.3	266	41	32.3
0092_03	3.0 mg/kg	Day : 92	5.5	284	54	18.2
0093_03	3.0 mg/kg	Day : 92	5	258	43	29.2
0094_03	3.0 mg/kg	Day : 92	4.7	267	35	19.3
0095_03	3.0 mg/kg	Day : 92	4.7	230	36	16
0096_03	3.0 mg/kg	Day : 92	5.5	318	35	16.2
0097_03	3.0 mg/kg	Day : 92	4.8	275	38	25.6
0098_03	3.0 mg/kg	Day : 92	5.3	242	40	28.3
0099_03	3.0 mg/kg	Day : 92	5.1	275	47	61.5
0100_03	3.0 mg/kg	Day : 92	5.5	288	83	29.4
0101_03	10 mg/kg	Day : 92	5.4	262	37	32
0102_03	10 mg/kg	Day : 92	5.5	312	42	16.4
0103_03	10 mg/kg	Day : 92	5.4	297	38	17.2
0104_03	10 mg/kg	Day : 92	4.9	216	40	63.1

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0104_03	10 mg/kg	Day : 92	4.9	216	40	63.1
0105_03	10 mg/kg	Day : 92	5.5	256	39	70.3
0106_03	10 mg/kg	Day : 92	5	213	48	68.8
0107_03	10 mg/kg	Day : 92	5.2	271	32	30.1
0108_03	10 mg/kg	Day : 92	5.2	266	31	28.4
0109_03	10 mg/kg	Day : 92	5.3	268	38	31.1
0110_03	10 mg/kg	Day : 92	5.2	283	47	37.4
0111_03	30 mg/kg	Day : 92	5.4	248	31	33.7
0112_03	30 mg/kg	Day : 92	5.4	252	29	33.7
0113_03	30 mg/kg	Day : 92	5.7	240	30	21.8
0114_03	30 mg/kg	Day : 92	5.1	253	27	20
0115_03	30 mg/kg	Day : 92	5.9	243	29	36
0116_03	30 mg/kg	Day : 92	5.6	287	33	41
0117_03	30 mg/kg	Day : 92	5.5	258	33	34.7
0118_03	30 mg/kg	Day : 92	5.6	275	41	51.3
0119_03	30 mg/kg	Day : 92	5.3	264	31	27
0120_03	30 mg/kg	Day : 92	5.2	240	30	40.3
0181_03	0 mg/kg	Day : 3	4.2	695	54	45.5
0181_03	0 mg/kg	Day : 21	4.6	413	48	36.9
0182_03	0 mg/kg	Day : 3	4.3	690	52	47.6
0182_03	0 mg/kg	Day : 21	4.8	146*	49	40.7
0183_03	0 mg/kg	Day : 3	4.2	690	42	63.3

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0183_03	0 mg/kg	Day : 21	4.9	425	53	17.8
0184_03	0 mg/kg	Day : 3	4	665	49	66.3
0184_03	0 mg/kg	Day : 21	4.6	398	48	38
0185_03	0 mg/kg	Day : 3	4.2	684	63	42.5
0185_03	0 mg/kg	Day : 21	4.3	382	44	60.8
0186_03	0 mg/kg	Day : 3	4.2	577	41	19.5
0186_03	0 mg/kg	Day : 21	4.5	353	45	16.3
0187_03	0 mg/kg	Day : 3	4.5	724	46	33.5
0187_03	0 mg/kg	Day : 21	4.5	387	48	32.1
0188_03	0 mg/kg	Day : 3	3.9	691	35	46.4
0188_03	0 mg/kg	Day : 21	4.5	391	46	28.9
0189_03	0 mg/kg	Day : 3	4.1	653	40	32.4
0189_03	0 mg/kg	Day : 21	4.6	430	43	16.7
0190_03	0 mg/kg	Day : 3	4.2	655	47	32.6
0190_03	0 mg/kg	Day : 21	4.6	442	52	73.9
0191_03	0.1 mg/kg	Day : 3	3.7	672	45	61.5
0191_03	0.1 mg/kg	Day : 21	4.6	438	48	36.9
0192_03	0.1 mg/kg	Day : 3	4.1	676	52	49.7
0192_03	0.1 mg/kg	Day : 21	4.9	404	54	42
0193_03	0.1 mg/kg	Day : 3	4.3	824	70	73
0193_03	0.1 mg/kg	Day : 21	5	448	52	38.4
0194_03	0.1 mg/kg	Day : 3	4.2	702	55	120.9

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0194_03	0.1 mg/kg	Day : 3	4.2	702	55	120.9
0194_03	0.1 mg/kg	Day : 21	4.7	404	52	39.3
0195_03	0.1 mg/kg	Day : 3	4	668	50	33.9
0195_03	0.1 mg/kg	Day : 21	4.9	415	46	38.4
0196_03	0.1 mg/kg	Day : 3	3.9	708	60	46.9
0196_03	0.1 mg/kg	Day : 21	4.6	448	47	39.1
0197_03	0.1 mg/kg	Day : 3	4.3	690	46	52.6
0197_03	0.1 mg/kg	Day : 21	5	448	45	27.4
0198_03	0.1 mg/kg	Day : 3	4.2	587	38	23.9
0198_03	0.1 mg/kg	Day : 21	4.8	394	47	19.1
0199_03	0.1 mg/kg	Day : 3	4.1	678	48	18.6
0199_03	0.1 mg/kg	Day : 21	4.8	414	46	19.5
0200_03	0.1 mg/kg	Day : 3	4.1	594	46	18.7
0200_03	0.1 mg/kg	Day : 21	4.6	376	40	35.7
0201_03	1.0 mg/kg	Day : 3	4.3	808	66	67.8
0202_03	1.0 mg/kg	Day : 3	4.1	708	44	45.5
0202_03	1.0 mg/kg	Day : 21	4.7	412	48	29.3
0203_03	1.0 mg/kg	Day : 3	4.5	709	49	35.5
0203_03	1.0 mg/kg	Day : 21	5.1	416	42	26.9
0204_03	1.0 mg/kg	Day : 3	4.1	608	39	34.9
0204_03	1.0 mg/kg	Day : 21	4.9	425	48	39.3
0205_03	1.0 mg/kg	Day : 3	4	673	44	21.8

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0205_03	1.0 mg/kg	Day : 21	4.8	474	45	17.4
0206_03	1.0 mg/kg	Day : 21	4.5	396	44	50
0207_03	1.0 mg/kg	Day : 3	4	690	35	54.3
0207_03	1.0 mg/kg	Day : 21	4.8	402	48	31.1
0208_03	1.0 mg/kg	Day : 3	4.1	674	41	30
0208_03	1.0 mg/kg	Day : 21	4.6	369	44	20.2
0209_03	1.0 mg/kg	Day : 3	4.3	644	41	45
0209_03	1.0 mg/kg	Day : 21	4.8	384	44	29
0210_03	1.0 mg/kg	Day : 3	4.2	662	43	46.8
0210_03	1.0 mg/kg	Day : 21	4.9	391	42	35.4
0211_03	3.0 mg/kg	Day : 3	4.5	796	48	29.2
0211_03	3.0 mg/kg	Day : 21	4.4	469	46	25.6
0212_03	3.0 mg/kg	Day : 3	4.2	728	47	24
0212_03	3.0 mg/kg	Day : 21	4.5	447	45	37
0213_03	3.0 mg/kg	Day : 3	4	669	38	46.6
0213_03	3.0 mg/kg	Day : 21	5.1	466	50	55.4
0214_03	3.0 mg/kg	Day : 3	4.5	741	54	46.2
0214_03	3.0 mg/kg	Day : 21	4.8	384	46	30
0215_03	3.0 mg/kg	Day : 3	4.1	648	39	19.7
0215_03	3.0 mg/kg	Day : 21	4.3	445	50	19.3
0216_03	3.0 mg/kg	Day : 3	4.2	711	41	44
0216_03	3.0 mg/kg	Day : 21	4.9	369	44	29.9

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0216_03	3.0 mg/kg	Day : 21	4.9	369	44	29.9
0217_03	3.0 mg/kg	Day : 3	4.2	687	51	60.7
0217_03	3.0 mg/kg	Day : 21	4.8	434	46	39.2
0218_03	3.0 mg/kg	Day : 3	3.9	688	47	52.2
0218_03	3.0 mg/kg	Day : 21	4.6	422	43	58
0219_03	3.0 mg/kg	Day : 3	4.5	754	47	35.4
0219_03	3.0 mg/kg	Day : 21	4.5	399	40	45.1
0220_03	3.0 mg/kg	Day : 3	4	677	39	41.5
0220_03	3.0 mg/kg	Day : 21	4.8	464	37	15.1
0221_03	10 mg/kg	Day : 3	4.4	702	49	37.7
0221_03	10 mg/kg	Day : 21	5.2	428	44	47
0222_03	10 mg/kg	Day : 3	4	677	48	57
0222_03	10 mg/kg	Day : 21	4.8	426	43	32.7
0223_03	10 mg/kg	Day : 3	4.3	784	52	29.9
0223_03	10 mg/kg	Day : 21	4.9	436	41	60.4
0224_03	10 mg/kg	Day : 3	4.2	834	49	53.3
0224_03	10 mg/kg	Day : 21	4.8	425	43	29.4
0225_03	10 mg/kg	Day : 3	4.3	675	31	26.8
0225_03	10 mg/kg	Day : 21	5.1	460	45	28.9
0226_03	10 mg/kg	Day : 3	4.4	618	32	17.5
0226_03	10 mg/kg	Day : 21	4.7	418	50	55.9
0227_03	10 mg/kg	Day : 3	4.2	663	49	24.2

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0227_03	10 mg/kg	Day : 21	5	404	36	33.4
0228_03	10 mg/kg	Day : 3	4.3	709	44	38.9
0228_03	10 mg/kg	Day : 21	5.2	397	39	51
0229_03	10 mg/kg	Day : 3	4.2	742	43	51.7
0229_03	10 mg/kg	Day : 21	5	428	45	24.2
0230_03	10 mg/kg	Day : 3	4.3	713	55	64.4
0230_03	10 mg/kg	Day : 21	4.8	463	43	24.2
0231_03	30 mg/kg	Day : 3	4.1	626	44	51.9
0231_03	30 mg/kg	Day : 21	4.9	366	48	57.6
0232_03	30 mg/kg	Day : 3	4.3	602	38	23.6
0232_03	30 mg/kg	Day : 21	5	355	39	33.4
0233_03	30 mg/kg	Day : 3	4.4	637	46	49.2
0233_03	30 mg/kg	Day : 21	5	332	45	51.2
0234_03	30 mg/kg	Day : 3	4.1	621	47	53.3
0234_03	30 mg/kg	Day : 21	5	326	44	76.9
0235_03	30 mg/kg	Day : 3	4	635	41	48
0235_03	30 mg/kg	Day : 21	5	364	37	38.4
0236_03	30 mg/kg	Day : 3	3.9	796	60	58.8
0236_03	30 mg/kg	Day : 21	5.3	376	41	49.1
0237_03	30 mg/kg	Day : 3	4.2	615	29	26.5
0238_03	30 mg/kg	Day : 3	4.2	619	36	26.6
0238_03	30 mg/kg	Day : 21	5.3	366	46	55.6

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:28

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0238_03	30 mg/kg	Day : 21	5.3	366	46	55.6
0239_03	30 mg/kg	Day : 3	4.2	733	40	62
0239_03	30 mg/kg	Day : 21	4.9	357	35	36.9
0240_03	30 mg/kg	Day : 3	4.5	631	44	70.3
0240_03	30 mg/kg	Day : 21	5.1	299	34	55.4

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0061_03	0 mg/kg	Day : 92	21	0.8	104.35	6.8
0062_03	0 mg/kg	Day : 92	21	0.8	120.72	6.8
0063_03	0 mg/kg	Day : 92	17	0.8	114.53	7
0064_03	0 mg/kg	Day : 92	20	0.7	109.77	6.6
0065_03	0 mg/kg	Day : 92	22	0.8	117.43	6.9
0066_03	0 mg/kg	Day : 92	21	0.9	119.58	7.6
0067_03	0 mg/kg	Day : 92	18	0.8	92.76	6.6
0068_03	0 mg/kg	Day : 92	19	0.8	135.49	7.3
0069_03	0 mg/kg	Day : 92	17	0.8	106.21	7
0070_03	0 mg/kg	Day : 92	18	0.7	101.02	7
0071_03	0.1 mg/kg	Day : 92	18	0.8	149.24	7.2
0072_03	0.1 mg/kg	Day : 92	19	0.8	115.5	7
0073_03	0.1 mg/kg	Day : 92	21	0.8	153.17	7
0074_03	0.1 mg/kg	Day : 92	17	0.7	110.22	7.2
0075_03	0.1 mg/kg	Day : 92	19	0.8	94.03	7.5
0076_03	0.1 mg/kg	Day : 92	20	0.8	156.39	7.3
0077_03	0.1 mg/kg	Day : 92	21	0.8	116.14	7.4
0078_03	0.1 mg/kg	Day : 92	16	0.7	43.07	4.4
0079_03	0.1 mg/kg	Day : 92	20	0.8	117.22	7
0080_03	0.1 mg/kg	Day : 92	24	0.9	123.37	6.9
0081_03	1.0 mg/kg	Day : 92	20	0.7	86.58	7.1
0082_03	1.0 mg/kg	Day : 92	18	0.8	100.36	7.4

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:28

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0083_03	1.0 mg/kg	Day : 92	20	0.9	109.79	7
0084_03	1.0 mg/kg	Day : 92	23	0.8	100.52	7.1
0085_03	1.0 mg/kg	Day : 92	17	0.8	156.58	7
0086_03	1.0 mg/kg	Day : 92	16	0.8	118.88	7.4
0087_03	1.0 mg/kg	Day : 92	23	0.7	116.64	6.9
0088_03	1.0 mg/kg	Day : 92	20	0.8	120.09	7.1
0089_03	1.0 mg/kg	Day : 92	21	0.8	146.3	7
0090_03	1.0 mg/kg	Day : 92	22	0.8	108.85	7.1
0091_03	3.0 mg/kg	Day : 92	22	0.8	116.28	7.3
0092_03	3.0 mg/kg	Day : 92	23	0.7	126.54	7.3
0093_03	3.0 mg/kg	Day : 92	20	0.8	184.11	7.1
0094_03	3.0 mg/kg	Day : 92	19	0.7	96.83	7
0095_03	3.0 mg/kg	Day : 92	18	0.7	103.37	6.9
0096_03	3.0 mg/kg	Day : 92	18	0.8	192.27	7.4
0097_03	3.0 mg/kg	Day : 92	19	0.7	161.95	7.1
0098_03	3.0 mg/kg	Day : 92	21	0.8	125.63	7.3
0099_03	3.0 mg/kg	Day : 92	22	0.8	117.67	7.2
0100_03	3.0 mg/kg	Day : 92	26	0.8	122.16	7.3
0101_03	10 mg/kg	Day : 92	19	0.7	166.6	7.1
0102_03	10 mg/kg	Day : 92	20	0.8	124.53	7.4
0103_03	10 mg/kg	Day : 92	22	0.8	124.1	7.2
0104_03	10 mg/kg	Day : 92	18	0.8	125.43	7.3

Experiment Number: 88148-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 15:19:28

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0105_03	10 mg/kg	Day : 92	15	0.7	129.22	7.6
0106_03	10 mg/kg	Day : 92	24	0.8	125.65	7.3
0107_03	10 mg/kg	Day : 92	18	0.8	116.25	7.3
0108_03	10 mg/kg	Day : 92	14	0.8	110.29	7
0109_03	10 mg/kg	Day : 92	20	0.8	110.78	7.3
0110_03	10 mg/kg	Day : 92	19	0.8	168.74	7.3
0111_03	30 mg/kg	Day : 92	21	0.9	135.09	6.9
0112_03	30 mg/kg	Day : 92	21	0.8	130.93	7.2
0113_03	30 mg/kg	Day : 92	21	0.8	211	7.4
0114_03	30 mg/kg	Day : 92	14	0.7	176.98	7
0115_03	30 mg/kg	Day : 92	24	0.8	201.49	7.8
0116_03	30 mg/kg	Day : 92	20	0.8	114.67	7.5
0117_03	30 mg/kg	Day : 92	20	0.8	133.82	7.4
0118_03	30 mg/kg	Day : 92	19	0.8	159.67	7.3
0119_03	30 mg/kg	Day : 92	21	0.7	147.1	7.1
0120_03	30 mg/kg	Day : 92	19	0.8	126.35	7.3
0181_03	0 mg/kg	Day : 3	17	0.5		5.5
0181_03	0 mg/kg	Day : 21	18	0.6	118.31	6.3
0182_03	0 mg/kg	Day : 3	23	0.6		5.5
0182_03	0 mg/kg	Day : 21	22	0.6	124.4	6.1
0183_03	0 mg/kg	Day : 3	21	0.6		5.6
0183_03	0 mg/kg	Day : 21	18	0.6	102.04	6.2

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0184_03	0 mg/kg	Day : 3	19	0.6		5.3
0184_03	0 mg/kg	Day : 21	22	0.6	137.78	6.2
0185_03	0 mg/kg	Day : 3	20	0.5		5.5
0185_03	0 mg/kg	Day : 21	20	0.6	94.66	5.9
0186_03	0 mg/kg	Day : 3	25	0.6		5.7
0186_03	0 mg/kg	Day : 21	19	0.6	109.42	6
0187_03	0 mg/kg	Day : 3	26	0.6		5.4
0187_03	0 mg/kg	Day : 21	21	0.5	80.27	5.9
0188_03	0 mg/kg	Day : 3	18	0.5		5.3
0188_03	0 mg/kg	Day : 21	20	0.6	81.96	6.1
0189_03	0 mg/kg	Day : 3	20	0.6		5.4
0189_03	0 mg/kg	Day : 21	23	0.6	98.86	6.4
0190_03	0 mg/kg	Day : 3	22	0.5		5.8
0190_03	0 mg/kg	Day : 21	21	0.6	89.59	5.9
0191_03	0.1 mg/kg	Day : 3	20	0.6		5.1
0191_03	0.1 mg/kg	Day : 21	23	0.6	89.49	6.2
0192_03	0.1 mg/kg	Day : 3	17	0.5		5.4
0192_03	0.1 mg/kg	Day : 21	23	0.6	97.16	6.5
0193_03	0.1 mg/kg	Day : 3	20	0.6		5.8
0193_03	0.1 mg/kg	Day : 21	25	0.6	92.8	6.3
0194_03	0.1 mg/kg	Day : 3	21	0.5		5.6
0194_03	0.1 mg/kg	Day : 21	20	0.6	96.28	6.2

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0195_03	0.1 mg/kg	Day : 3	16	0.5		5.2
0195_03	0.1 mg/kg	Day : 21	21	0.6	99.53	6.5
0196_03	0.1 mg/kg	Day : 3	22	0.5		5.2
0196_03	0.1 mg/kg	Day : 21	20	0.6	93.6	5.9
0197_03	0.1 mg/kg	Day : 3	21	0.6		5.6
0197_03	0.1 mg/kg	Day : 21	20	0.6	99.97	6.5
0198_03	0.1 mg/kg	Day : 3	22	0.6		5.6
0198_03	0.1 mg/kg	Day : 21	21	0.7	128.88	6.4
0199_03	0.1 mg/kg	Day : 3	17	0.5		5.6
0199_03	0.1 mg/kg	Day : 21	22	0.6	100.96	6.3
0200_03	0.1 mg/kg	Day : 3	19	0.5		5.4
0200_03	0.1 mg/kg	Day : 21	20	0.6	89.87	6.1
0201_03	1.0 mg/kg	Day : 3	21	0.6		5.8
0202_03	1.0 mg/kg	Day : 3	20	0.6		5.7
0202_03	1.0 mg/kg	Day : 21	23	0.7	90.53	6.2
0203_03	1.0 mg/kg	Day : 3	17	0.5		6
0203_03	1.0 mg/kg	Day : 21	22	0.7	118.45	6.6
0204_03	1.0 mg/kg	Day : 3	23	0.6		5.3
0204_03	1.0 mg/kg	Day : 21	21	0.6	105.45	6.4
0205_03	1.0 mg/kg	Day : 3	17	0.6		5.4
0205_03	1.0 mg/kg	Day : 21	26	0.6	98.11	6.5
0206_03	1.0 mg/kg	Day : 21	21	0.6	80.68	6

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0207_03	1.0 mg/kg	Day : 3	21	0.6		5.5
0207_03	1.0 mg/kg	Day : 21	25	0.6	95.03	6.4
0208_03	1.0 mg/kg	Day : 3	19	0.5		5.5
0208_03	1.0 mg/kg	Day : 21	18	0.6	128.73	6.2
0209_03	1.0 mg/kg	Day : 3	22	0.6		5.7
0209_03	1.0 mg/kg	Day : 21	19	0.6	131.95	6.3
0210_03	1.0 mg/kg	Day : 3	20	0.6		5.4
0210_03	1.0 mg/kg	Day : 21	22	0.6	95.72	6.4
0211_03	3.0 mg/kg	Day : 3	25	0.6		5.7
0211_03	3.0 mg/kg	Day : 21	24	0.5	85.8	6.2
0212_03	3.0 mg/kg	Day : 3	18	0.5		5.5
0212_03	3.0 mg/kg	Day : 21	17	0.6	84.19	5.7
0213_03	3.0 mg/kg	Day : 3	23	0.6		5.5
0213_03	3.0 mg/kg	Day : 21	20	0.6	142.92	6.5
0214_03	3.0 mg/kg	Day : 3	20	0.5		6
0214_03	3.0 mg/kg	Day : 21	19	0.6	98.33	6.5
0215_03	3.0 mg/kg	Day : 3	21	0.5		5.4
0215_03	3.0 mg/kg	Day : 21	21	0.6	90.42	6
0216_03	3.0 mg/kg	Day : 3	19	0.6		5.5
0216_03	3.0 mg/kg	Day : 21	21	0.6	94.36	6.5
0217_03	3.0 mg/kg	Day : 3	21	0.5		5.7
0217_03	3.0 mg/kg	Day : 21	19	0.6	123.55	6.2

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0218_03	3.0 mg/kg	Day : 3	20	0.5		5.2
0218_03	3.0 mg/kg	Day : 21	22	0.6	80.74	6.3
0219_03	3.0 mg/kg	Day : 3	18	0.6		6.1
0219_03	3.0 mg/kg	Day : 21	23	0.7	86.95	6.4
0220_03	3.0 mg/kg	Day : 3	17	0.5		5.4
0220_03	3.0 mg/kg	Day : 21	20	0.6	98.83	6.6
0221_03	10 mg/kg	Day : 3	20	0.6		5.9
0221_03	10 mg/kg	Day : 21	23	0.6	106.69	6.7
0222_03	10 mg/kg	Day : 3	17	0.5		5.4
0222_03	10 mg/kg	Day : 21	21	0.6	95.52	6.2
0223_03	10 mg/kg	Day : 3	18	0.6		5.8
0223_03	10 mg/kg	Day : 21	19	0.7	87.85	6.2
0224_03	10 mg/kg	Day : 3	16	0.5		5.6
0224_03	10 mg/kg	Day : 21	15	0.6	95.07	6.2
0225_03	10 mg/kg	Day : 3	17	0.6		5.7
0225_03	10 mg/kg	Day : 21	22	0.6	121.79	6.5
0226_03	10 mg/kg	Day : 3	24	0.6		5.6
0226_03	10 mg/kg	Day : 21	18	0.6	95.48	6.1
0227_03	10 mg/kg	Day : 3	19	0.5		5.6
0227_03	10 mg/kg	Day : 21	17	0.6	131.31	6.2
0228_03	10 mg/kg	Day : 3	21	0.6		5.8
0228_03	10 mg/kg	Day : 21	22	0.6	103.18	6.7

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:29

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0229_03	10 mg/kg	Day : 3	17	0.6		5.5
0229_03	10 mg/kg	Day : 21	19	0.6	93.36	6.4
0230_03	10 mg/kg	Day : 3	18	0.6		5.7
0230_03	10 mg/kg	Day : 21	17	0.5	99.69	6.4
0231_03	30 mg/kg	Day : 3	17	0.6		5.6
0231_03	30 mg/kg	Day : 21	20	0.6	153.42	6.8
0232_03	30 mg/kg	Day : 3	21	0.6		5.7
0232_03	30 mg/kg	Day : 21	17	0.6	102.84	6.5
0233_03	30 mg/kg	Day : 3	21	0.7		5.7
0233_03	30 mg/kg	Day : 21	22	0.6	102.61	7
0234_03	30 mg/kg	Day : 3	17	0.6		5.5
0234_03	30 mg/kg	Day : 21	26	0.6	94.84	6.6
0235_03	30 mg/kg	Day : 3	17	0.5		5.4
0235_03	30 mg/kg	Day : 21	18	0.6	98.15	6.5
0236_03	30 mg/kg	Day : 3	15	0.5		5.3
0236_03	30 mg/kg	Day : 21	19	0.6	108.94	6.9
0237_03	30 mg/kg	Day : 3	14	0.5		5.8
0238_03	30 mg/kg	Day : 3	22	0.6		5.4
0238_03	30 mg/kg	Day : 21	19	0.6	113.06	7
0239_03	30 mg/kg	Day : 3	18	0.5		5.6
0239_03	30 mg/kg	Day : 21	16	0.6	139.84	6.2
0240_03	30 mg/kg	Day : 3	19	0.6		6.1

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:29

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Estradiol pg per mL	Protein Total g per dL
0240_03	30 mg/kg	Day : 21	21	0.6	101.38	6.5

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0061_03	0 mg/kg	Day : 92	20	1.02	2.42	161.98
0062_03	0 mg/kg	Day : 92	21	0.89	2.39	110.88
0063_03	0 mg/kg	Day : 92	23	1.05	2.54	146.5
0064_03	0 mg/kg	Day : 92	24	0.78	2.21	128.99
0065_03	0 mg/kg	Day : 92	18	0.61	1.13	110.83
0066_03	0 mg/kg	Day : 92	40	1.09	1.69	120.51
0067_03	0 mg/kg	Day : 92	20	1.41	2.29	137.81
0068_03	0 mg/kg	Day : 92	18	0.71	1.63	135.88
0069_03	0 mg/kg	Day : 92	18	0.79	3.05	122.72
0070_03	0 mg/kg	Day : 92	19	1.29	3.35	129.43
0071_03	0.1 mg/kg	Day : 92	22	0	3.23	143.5
0072_03	0.1 mg/kg	Day : 92	23	0.54	1.78	132.17
0073_03	0.1 mg/kg	Day : 92	20	0.72	1.14	115.43
0074_03	0.1 mg/kg	Day : 92	20	0.72	1.4	92.1
0075_03	0.1 mg/kg	Day : 92	27	1.19	2.09	107.51
0076_03	0.1 mg/kg	Day : 92	16	1.02	1.46	109.08
0077_03	0.1 mg/kg	Day : 92	19	0.66	1.35	103.41
0078_03	0.1 mg/kg	Day : 92	18	1.13	1.57	99.32
0079_03	0.1 mg/kg	Day : 92	20	0.63	1.58	96.99
0080_03	0.1 mg/kg	Day : 92	42	0.82	1.43	120.98
0081_03	1.0 mg/kg	Day : 92	24	1.25	0.36	102.75

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0082_03	1.0 mg/kg	Day : 92	32	1.15	0.56	120.82
0083_03	1.0 mg/kg	Day : 92	18	1.31	1.36	122.52
0084_03	1.0 mg/kg	Day : 92	25	1.13	0.51	84.56
0085_03	1.0 mg/kg	Day : 92	11	1.55	1.19	120.39
0086_03	1.0 mg/kg	Day : 92	29	1.39	0.55	138.34
0087_03	1.0 mg/kg	Day : 92	30	1.2	0	92.62
0088_03	1.0 mg/kg	Day : 92	26	0.5	0	88.08
0089_03	1.0 mg/kg	Day : 92	28	1.13	0.22	114.16
0090_03	1.0 mg/kg	Day : 92	25	0.88	0.28	86.93
0091_03	3.0 mg/kg	Day : 92	17	1.52	0.31	125.81
0092_03	3.0 mg/kg	Day : 92	26	0.69	0.24	86.92
0093_03	3.0 mg/kg	Day : 92	26	0.97	0	84.19
0094_03	3.0 mg/kg	Day : 92	23	0.75	0.21	77.38
0095_03	3.0 mg/kg	Day : 92	16	0.97	0.39	102.38
0096_03	3.0 mg/kg	Day : 92	27	1.03	0.51	117.63
0097_03	3.0 mg/kg	Day : 92	23	1.72	0.08	117.13
0098_03	3.0 mg/kg	Day : 92	24	0.62	0.28	114
0099_03	3.0 mg/kg	Day : 92	28	0.73	0.21	92.46
0100_03	3.0 mg/kg	Day : 92	34	0.85	0.24	99.52
0101_03	10 mg/kg	Day : 92	20	1.46	0.32	95.41
0102_03	10 mg/kg	Day : 92	22	1.07	0	121.64

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0103_03	10 mg/kg	Day : 92	24	0.65	0	102.4
0104_03	10 mg/kg	Day : 92	21	0.85	0	95.88
0105_03	10 mg/kg	Day : 92	21	1.27	0	121.71
0106_03	10 mg/kg	Day : 92	26	1.11	0	86.86
0107_03	10 mg/kg	Day : 92	21	1.93	0.32	101.64
0108_03	10 mg/kg	Day : 92	19	0.7	0.33	108.42
0109_03	10 mg/kg	Day : 92	23	1.09	0	75.59
0110_03	10 mg/kg	Day : 92	40	0.6	0	95.17
0111_03	30 mg/kg	Day : 92	20	1.05	0	79.77
0112_03	30 mg/kg	Day : 92	34	0.84	0	86.85
0113_03	30 mg/kg	Day : 92	23	2.05	0	107.51
0114_03	30 mg/kg	Day : 92	32	2.62	0	75.17
0115_03	30 mg/kg	Day : 92	34	0.73	0	83.36
0116_03	30 mg/kg	Day : 92	25	1.79	0.06	110
0117_03	30 mg/kg	Day : 92	28	0.82	0	97.87
0118_03	30 mg/kg	Day : 92	26	1.58	0	117.1
0119_03	30 mg/kg	Day : 92	19	2.11	0	135.13
0120_03	30 mg/kg	Day : 92	28	0.7	0	92.18
0181_03	0 mg/kg	Day : 3	18			
0181_03	0 mg/kg	Day : 21	12	1.26	3.93	133.17
0182_03	0 mg/kg	Day : 3	19			

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0182_03	0 mg/kg	Day : 21	11	0.99	3.13	107.71
0183_03	0 mg/kg	Day : 3	21			
0183_03	0 mg/kg	Day : 21	13	0.79	3.36	100
0184_03	0 mg/kg	Day : 3	23			
0184_03	0 mg/kg	Day : 21	18	1.13	3.87	147.88
0185_03	0 mg/kg	Day : 3	24			
0185_03	0 mg/kg	Day : 21	22	1.23	3.18	114.98
0186_03	0 mg/kg	Day : 3	21			
0186_03	0 mg/kg	Day : 21	17	1.05	3.69	126.12
0187_03	0 mg/kg	Day : 3	23			
0187_03	0 mg/kg	Day : 21	12	0.96	3.24	122.3
0188_03	0 mg/kg	Day : 3	11			
0188_03	0 mg/kg	Day : 21	20	0.8	1.47	81.13
0189_03	0 mg/kg	Day : 3	19			
0189_03	0 mg/kg	Day : 21	21	0.74	2.78	135.81
0190_03	0 mg/kg	Day : 3	14			
0190_03	0 mg/kg	Day : 21	19	0.82	3.72	104.58
0191_03	0.1 mg/kg	Day : 3	20			
0191_03	0.1 mg/kg	Day : 21	16	0.89	1.64	90.55
0192_03	0.1 mg/kg	Day : 3	21			
0192_03	0.1 mg/kg	Day : 21	18	1.06	2.8	128.72

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0193_03	0.1 mg/kg	Day : 3	26			
0193_03	0.1 mg/kg	Day : 21	22	0.79	1.59	73.34
0194_03	0.1 mg/kg	Day : 3	23			
0194_03	0.1 mg/kg	Day : 21	20	0.63	2.83	120.97
0195_03	0.1 mg/kg	Day : 3	26			
0195_03	0.1 mg/kg	Day : 21	19	1.12	2.84	127.92
0196_03	0.1 mg/kg	Day : 3	18			
0196_03	0.1 mg/kg	Day : 21	12	0.73	2.61	102.06
0197_03	0.1 mg/kg	Day : 3	28			
0197_03	0.1 mg/kg	Day : 21	18	1.77	3.38	162.65
0198_03	0.1 mg/kg	Day : 3	25			
0198_03	0.1 mg/kg	Day : 21	18	1.97	1.96	100.08
0199_03	0.1 mg/kg	Day : 3	17			
0199_03	0.1 mg/kg	Day : 21	23	0.92	2.16	118.19
0200_03	0.1 mg/kg	Day : 3	19			
0200_03	0.1 mg/kg	Day : 21	18	0.56	1.19	78.7
0201_03	1.0 mg/kg	Day : 3	29			
0202_03	1.0 mg/kg	Day : 3	19			
0202_03	1.0 mg/kg	Day : 21	22	0.74	0.58	68.95
0203_03	1.0 mg/kg	Day : 3	25			
0203_03	1.0 mg/kg	Day : 21	27	0.92	1.09	109.92

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0204_03	1.0 mg/kg	Day : 3	19			
0204_03	1.0 mg/kg	Day : 21	20	0.68	1.06	104.89
0205_03	1.0 mg/kg	Day : 3	10			
0205_03	1.0 mg/kg	Day : 21	30	0.69	0.63	73.69
0206_03	1.0 mg/kg	Day : 21	13	1.4	0.91	97.17
0207_03	1.0 mg/kg	Day : 3	17			
0207_03	1.0 mg/kg	Day : 21	24	0.76	0.26	61.22
0208_03	1.0 mg/kg	Day : 3	21			
0208_03	1.0 mg/kg	Day : 21	19	0.93	0.88	95.23
0209_03	1.0 mg/kg	Day : 3	23			
0209_03	1.0 mg/kg	Day : 21	20	0.76	1.16	86.72
0210_03	1.0 mg/kg	Day : 3	22			
0210_03	1.0 mg/kg	Day : 21	12	1.18	0.28	68.58
0211_03	3.0 mg/kg	Day : 3	24			
0211_03	3.0 mg/kg	Day : 21	21	1.05	0.21	80.59
0212_03	3.0 mg/kg	Day : 3	21			
0212_03	3.0 mg/kg	Day : 21	17	2.09	0.71	122.96
0213_03	3.0 mg/kg	Day : 3	19			
0213_03	3.0 mg/kg	Day : 21	23	1.3	0.89	107.08
0214_03	3.0 mg/kg	Day : 3	19			
0214_03	3.0 mg/kg	Day : 21	16	0.76	0.24	81.6

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0215_03	3.0 mg/kg	Day : 3	13			
0215_03	3.0 mg/kg	Day : 21	24	0.73	0.59	73.65
0216_03	3.0 mg/kg	Day : 3	18			
0216_03	3.0 mg/kg	Day : 21	19	1.01	0.85	103.04
0217_03	3.0 mg/kg	Day : 3	16			
0217_03	3.0 mg/kg	Day : 21	21	0.67	0.75	108.01
0218_03	3.0 mg/kg	Day : 3	23			
0218_03	3.0 mg/kg	Day : 21	20	0.86	0.19	68.34
0219_03	3.0 mg/kg	Day : 3	26			
0219_03	3.0 mg/kg	Day : 21	23	1	0.65	71.9
0220_03	3.0 mg/kg	Day : 3	21			
0220_03	3.0 mg/kg	Day : 21	24	2.11	0.65	98.55
0221_03	10 mg/kg	Day : 3	21			
0221_03	10 mg/kg	Day : 21	21	1.59	0.2	90.21
0222_03	10 mg/kg	Day : 3	23			
0222_03	10 mg/kg	Day : 21	17	1.33	1.52	125.85
0223_03	10 mg/kg	Day : 3	26			
0223_03	10 mg/kg	Day : 21	22	1.49	0.63	118.29
0224_03	10 mg/kg	Day : 3	21			
0224_03	10 mg/kg	Day : 21	24	2.2	0.89	120.03
0225_03	10 mg/kg	Day : 3	26			

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0225_03	10 mg/kg	Day : 21	36	1.74	0.91	130.45
0226_03	10 mg/kg	Day : 3	18			
0226_03	10 mg/kg	Day : 21	24	1.6	0.24	119.85
0227_03	10 mg/kg	Day : 3	22			
0227_03	10 mg/kg	Day : 21	17	2.43	0.85	96.57
0228_03	10 mg/kg	Day : 3	24			
0228_03	10 mg/kg	Day : 21	25	1.01	0.59	101.08
0229_03	10 mg/kg	Day : 3	17			
0229_03	10 mg/kg	Day : 21	28	1.06	0.37	92.84
0230_03	10 mg/kg	Day : 3	18			
0230_03	10 mg/kg	Day : 21	19	2.12	0.66	112.98
0231_03	30 mg/kg	Day : 3	18			
0231_03	30 mg/kg	Day : 21	32	1.12	0.38	95.11
0232_03	30 mg/kg	Day : 3	19			
0232_03	30 mg/kg	Day : 21	24	1.45	0.2	98.75
0233_03	30 mg/kg	Day : 3	20			
0233_03	30 mg/kg	Day : 21	37	0.77	0.18	81.79
0234_03	30 mg/kg	Day : 3	10			
0234_03	30 mg/kg	Day : 21	33	1.44	0.16	78.31
0235_03	30 mg/kg	Day : 3	14			
0235_03	30 mg/kg	Day : 21	38	1.12	0.11	92.24

Experiment Number: 88148-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 15:19:29

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Triiodothyronine ng per dL
0236_03	30 mg/kg	Day : 3	11			
0236_03	30 mg/kg	Day : 21	36	1.27	0.49	114.85
0237_03	30 mg/kg	Day : 3	17			
0238_03	30 mg/kg	Day : 3	25			
0238_03	30 mg/kg	Day : 21	34	0.79	0	76.6
0239_03	30 mg/kg	Day : 3	20			
0239_03	30 mg/kg	Day : 21	27	2.29	0	84.42
0240_03	30 mg/kg	Day : 3	30			
0240_03	30 mg/kg	Day : 21	28	1.27	0	77.95

** END OF REPORT **