

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:44

First Dose M/F: NA / NA

Lab: NA

C Number: C55323B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:44

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
0001_01	0 mg/kg	Day : 93	4.6	520	70	17.9
0002_01	0 mg/kg	Day : 93	5.5	635	61	26.5
0003_01	0 mg/kg	Day : 93	4.7	457	82	49.5
0004_01	0 mg/kg	Day : 93	4.8	515	52	19.4
0005_01	0 mg/kg	Day : 93	5	442	58	19.8
0006_01	0 mg/kg	Day : 93	4.8	528	53	22.7
0007_01	0 mg/kg	Day : 93	4.8	461	54	16.7
0008_01	0 mg/kg	Day : 93	5.3	613	75	19
0009_01	0 mg/kg	Day : 93	4.6	491	57	17.9
0010_01	0 mg/kg	Day : 93	4.9	496	64	57.2
0011_01	25 mg/kg	Day : 93	5	578	61	15.9
0012_01	25 mg/kg	Day : 93	4.9	538	58	24.8
0013_01	25 mg/kg	Day : 93	5	527	57	14.6
0014_01	25 mg/kg	Day : 93	5	523	60	29
0015_01	25 mg/kg	Day : 93	4.7	513	47	15.7
0016_01	25 mg/kg	Day : 93	4.8	520	56	15.4
0017_01	25 mg/kg	Day : 93	5	574	58	18.1
0018_01	25 mg/kg	Day : 93	5.3	620	74	16.9
0019_01	25 mg/kg	Day : 93	4.9	491	76	17.9
0020_01	25 mg/kg	Day : 93	5.1	524	134	25.5
0021_01	50 mg/kg	Day : 93	5.2	585	56	22.7
0022_01	50 mg/kg	Day : 93	5.4	595	64	24.6

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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_01	50 mg/kg	Day : 93	4.9	549	155	32.1
0024_01	50 mg/kg	Day : 93	4.9	532	82	18.2
0025_01	50 mg/kg	Day : 93	4.7	465	63	28.4
0026_01	50 mg/kg	Day : 93	4.8	493	58	12.9
0027_01	50 mg/kg	Day : 93	5	633	58	29.8
0028_01	50 mg/kg	Day : 93	4.9	519	52	15.6
0029_01	50 mg/kg	Day : 93	5.1	565	68	17.7
0030_01	50 mg/kg	Day : 93	4.8	498	57	29.8
0031_01	100 mg/kg	Day : 93	5	530	57	15.4
0032_01	100 mg/kg	Day : 93	4.8	429	56	14.4
0033_01	100 mg/kg	Day : 93	4.9	562	61	29.9
0034_01	100 mg/kg	Day : 93	5	551	50	25.7
0035_01	100 mg/kg	Day : 93	5.2	609	73	16.7
0036_01	100 mg/kg	Day : 93	4.8	470	51	19.2
0037_01	100 mg/kg	Day : 93	4.9	573	52	17.1
0038_01	100 mg/kg	Day : 93	5.2	566	62	16.9
0039_01	100 mg/kg	Day : 93	5	620	62	23.4
0040_01	100 mg/kg	Day : 93	4.7	502	47	29.6
0041_01	200 mg/kg	Day : 93	5	579	79	37.4
0042_01	200 mg/kg	Day : 93	4.9	588	63	23.4
0043_01	200 mg/kg	Day : 93	5	430	66	15
0044_01	200 mg/kg	Day : 93	4.8	769	53	13.6

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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_01	200 mg/kg	Day : 93	4.8	769	53	13.6
0045_01	200 mg/kg	Day : 93	4.8	507	56	18.6
0046_01	200 mg/kg	Day : 93	4.7	499	53	19
0047_01	200 mg/kg	Day : 93	5.1	578	53	18.1
0048_01	200 mg/kg	Day : 93	5	524	78	52
0049_01	200 mg/kg	Day : 93	4.6	495	51	19.2
0050_01	200 mg/kg	Day : 93	4.7	597	66	15.7
0051_01	400 mg/kg	Day : 93	5.4	735	154	44.9
0052_01	400 mg/kg	Day : 93	4.3	574	214	36.5
0053_01	400 mg/kg	Day : 93	4.7	532	70	14.6
0054_01	400 mg/kg	Day : 93	4.6	583	60	14.2
0055_01	400 mg/kg	Day : 93	4.9	648	99	45.7
0056_01	400 mg/kg	Day : 93	4.8	665	62	8.1
0057_01	400 mg/kg	Day : 93	4.7	721	50	23.8
0058_01	400 mg/kg	Day : 93	5.2	804	59	21.9
0059_01	400 mg/kg	Day : 93	4.8	658	52	14.2
0060_01	400 mg/kg	Day : 93	4.5	639	48	37.8
0121_01	0 mg/kg	Day : 4	4.8	1708	43	31
0121_01	0 mg/kg	Day : 24	5.4	1112	60	56.2
0122_01	0 mg/kg	Day : 4	4.6	1449	41	31
0122_01	0 mg/kg	Day : 24	5.1	1040	53	48.8
0123_01	0 mg/kg	Day : 4	4.8	1558	43	65.8

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_01	0 mg/kg	Day : 24	5.4	945	60	85.8
0124_01	0 mg/kg	Day : 4	4.7	1768	40	45.4
0124_01	0 mg/kg	Day : 24	5.2	1174	48	49.6
0125_01	0 mg/kg	Day : 4	4.8	1445	38	74
0125_01	0 mg/kg	Day : 24		1132	64	32.5
0126_01	0 mg/kg	Day : 4	4.6	1549	44	20
0126_01	0 mg/kg	Day : 24	5	1061	49	35.6
0127_01	0 mg/kg	Day : 4	4.7	1726	40	26.2
0127_01	0 mg/kg	Day : 24	5.3	1220	53	29.9
0128_01	0 mg/kg	Day : 4	5	1605	42	54
0128_01	0 mg/kg	Day : 24	5.1	1016	50	18.2
0129_01	0 mg/kg	Day : 4	5.1	1650	46	67.6
0129_01	0 mg/kg	Day : 24	5.2	1158	51	66.2
0130_01	0 mg/kg	Day : 4	4.6	1505	45	23.1
0130_01	0 mg/kg	Day : 24	5.4	1054	53	67.8
0131_01	25 mg/kg	Day : 4	4.6	1632	40	29.1
0131_01	25 mg/kg	Day : 24	5	1057	59	67.8
0132_01	25 mg/kg	Day : 4	4.9	1626	52	18.4
0132_01	25 mg/kg	Day : 24	5.1	1037	58	14.3
0133_01	25 mg/kg	Day : 4	5.4	1832	51	15.1
0133_01	25 mg/kg	Day : 24	5.2	1037	58	20.6
0134_01	25 mg/kg	Day : 4	5	1766	46	24

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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_01	25 mg/kg	Day : 4	5	1766	46	24
0134_01	25 mg/kg	Day : 24	5.2	1127	53	41.3
0135_01	25 mg/kg	Day : 4	4.6	1510	42	28.7
0135_01	25 mg/kg	Day : 24	5.4	1147	61	57.7
0136_01	25 mg/kg	Day : 4	4.8	1560	40	40.2
0136_01	25 mg/kg	Day : 24	5.3	1080	58	73.5
0137_01	25 mg/kg	Day : 4	4.9	1767	41	25.6
0137_01	25 mg/kg	Day : 24	5.2	1162	56	30.5
0138_01	25 mg/kg	Day : 4	5.1	1740	46	21.3
0138_01	25 mg/kg	Day : 24	5.1	1065	50	15.1
0139_01	25 mg/kg	Day : 4	5	1582	46	22.5
0139_01	25 mg/kg	Day : 24	5.4	1030	60	45.5
0140_01	25 mg/kg	Day : 4	4.7	1591	43	54.5
0140_01	25 mg/kg	Day : 24	5.1	1060	54	32.5
0141_01	50 mg/kg	Day : 4	4.6	1577	38	21.3
0141_01	50 mg/kg	Day : 24	5.2	1030	60	16.1
0142_01	50 mg/kg	Day : 4	5.2	1636	44	77.5
0142_01	50 mg/kg	Day : 24	5.1	1010	52	34.8
0143_01	50 mg/kg	Day : 4	4.6	1630	45	17.2
0143_01	50 mg/kg	Day : 24	5	1045	52	60.3
0144_01	50 mg/kg	Day : 4	4.7	1639	49	36.3
0144_01	50 mg/kg	Day : 24	5.3	1138	60	51.2

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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_01	50 mg/kg	Day : 4	4.9	1622	48	32.4
0145_01	50 mg/kg	Day : 24	5.2	1058	52	53.4
0146_01	50 mg/kg	Day : 4	4.9	1522	43	17.2
0146_01	50 mg/kg	Day : 24	5	1030	49	17.8
0147_01	50 mg/kg	Day : 4	5.2	1755	46	21.7
0147_01	50 mg/kg	Day : 24	4.9	897	58	24.6
0148_01	50 mg/kg	Day : 4	4.8	1572	38	89.3
0148_01	50 mg/kg	Day : 24	5.2	1123	60	15.1
0149_01	50 mg/kg	Day : 4	4.4	1520	40	20.5
0149_01	50 mg/kg	Day : 24	5.3	1157	55	16.5
0150_01	50 mg/kg	Day : 4	5.2	1757	53	84.7
0150_01	50 mg/kg	Day : 24	5.2	1086	67	62.3
0151_01	100 mg/kg	Day : 4	4.7	1667	45	24
0151_01	100 mg/kg	Day : 24	5.5	1318	70	17.4
0152_01	100 mg/kg	Day : 4	4.8	1619	44	17.8
0152_01	100 mg/kg	Day : 24	5	1011	60	21.2
0153_01	100 mg/kg	Day : 4	4.7	1337	40	34.9
0153_01	100 mg/kg	Day : 24	5.6	1075	57	44.9
0154_01	100 mg/kg	Day : 4	4.7	1502	50	55.1
0154_01	100 mg/kg	Day : 24	5.3	1000	65	45.1
0155_01	100 mg/kg	Day : 4	4.7	1635	31	36.9
0155_01	100 mg/kg	Day : 24	5.3	959	53	24.9

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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
0155_01	100 mg/kg	Day : 24	5.3	959	53	24.9
0156_01	100 mg/kg	Day : 4	4.5	1608	70	20
0156_01	100 mg/kg	Day : 24	5.1	1058	57	44.5
0157_01	100 mg/kg	Day : 4	4.9	1768	45	25.2
0157_01	100 mg/kg	Day : 24	5.4	1184	52	16.3
0158_01	100 mg/kg	Day : 4	5	1817	46	48.5
0158_01	100 mg/kg	Day : 24	5.1	1108	70	20.2
0159_01	100 mg/kg	Day : 4	5	1561	52	16.3
0159_01	100 mg/kg	Day : 24	5.2	999	61	27.9
0160_01	100 mg/kg	Day : 4	4.4	1389	43	17.2
0160_01	100 mg/kg	Day : 24	5	1075	47	42.5
0161_01	200 mg/kg	Day : 4	5	1603	48	29.3
0161_01	200 mg/kg	Day : 24	5.3	1045	77	18.8
0162_01	200 mg/kg	Day : 4	5.1	1620	45	18.6
0162_01	200 mg/kg	Day : 24	4.9	1105	51	15.5
0163_01	200 mg/kg	Day : 4	5.2	1772	73	40.2
0163_01	200 mg/kg	Day : 24	5.3	1157	58	74.5
0164_01	200 mg/kg	Day : 4	4.7	1474	59	28.5
0164_01	200 mg/kg	Day : 24	5.4	998	69	18
0165_01	200 mg/kg	Day : 4	4.7	1546	44	33
0165_01	200 mg/kg	Day : 24	5.3	1156	62	66.6
0166_01	200 mg/kg	Day : 4	4.7	1665	37	36.5

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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
0166_01	200 mg/kg	Day : 24	5	1136	57	67.6
0167_01	200 mg/kg	Day : 4	4.5	1428	45	20.7
0167_01	200 mg/kg	Day : 24	5.1	1104	58	25.9
0168_01	200 mg/kg	Day : 4	5.1	1916	50	24
0168_01	200 mg/kg	Day : 24	5.2	1187	59	28.5
0169_01	200 mg/kg	Day : 4	4.6	1483	48	63.9
0169_01	200 mg/kg	Day : 24	5.4	1112	59	15.3
0170_01	200 mg/kg	Day : 4	4.8	1571	49	17.6
0170_01	200 mg/kg	Day : 24	5.4	1210	65	28.1
0171_01	400 mg/kg	Day : 4	4.8	1513	48	18.6
0171_01	400 mg/kg	Day : 24	5.1	1154	64	55.8
0172_01	400 mg/kg	Day : 4	5.6	1561	82	31
0172_01	400 mg/kg	Day : 24	5.1	1210	56	72
0173_01	400 mg/kg	Day : 4	4.9	1517	60	25
0173_01	400 mg/kg	Day : 24	4.9	1093	50	36
0174_01	400 mg/kg	Day : 4	4.5	1536	45	39.6
0174_01	400 mg/kg	Day : 24	5.3	1294	50	99.2
0175_01	400 mg/kg	Day : 4	4.7	1053	45	17.2
0175_01	400 mg/kg	Day : 24	5	1234	58	14.9
0176_01	400 mg/kg	Day : 4	4.3	1455	43	57.8
0176_01	400 mg/kg	Day : 24	5.2	1204	56	87.8
0177_01	400 mg/kg	Day : 4	4.6	1492	63	16.3

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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
0177_01	400 mg/kg	Day : 4	4.6	1492	63	16.3
0177_01	400 mg/kg	Day : 24	5	1070	92	17.4
0178_01	400 mg/kg	Day : 4	4.7	1485	38	18.6
0178_01	400 mg/kg	Day : 24	5.3	1125	48	60.1
0179_01	400 mg/kg	Day : 4	4.7	1457	44	12.2
0179_01	400 mg/kg	Day : 24	5.1	1073	71	40.7
0180_01	400 mg/kg	Day : 4	5	1534	52	17
0180_01	400 mg/kg	Day : 24	4.9	1043	66	15.3

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Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0001_01	0 mg/kg	Day : 93	21	0.7	6.9	26.4
0002_01	0 mg/kg	Day : 93	26	0.8	8.2	27.6
0003_01	0 mg/kg	Day : 93	23	0.7	7.1	41.1
0004_01	0 mg/kg	Day : 93	24	0.7	7.1	20.2
0005_01	0 mg/kg	Day : 93	21	0.7	7.5	25.8
0006_01	0 mg/kg	Day : 93	23	0.7	7.2	17.8
0007_01	0 mg/kg	Day : 93	21	0.6	7.1	14.7
0008_01	0 mg/kg	Day : 93	26	0.7	7.9	37.4
0009_01	0 mg/kg	Day : 93	23	0.7	6.8	18.4
0010_01	0 mg/kg	Day : 93	24	0.7	7.4	31.3
0011_01	25 mg/kg	Day : 93	25	0.7	7.3	23.3
0012_01	25 mg/kg	Day : 93	22	0.6	7.3	18.4
0013_01	25 mg/kg	Day : 93	23	0.7	7.5	20.8
0014_01	25 mg/kg	Day : 93	23	0.7	7.4	20.2
0015_01	25 mg/kg	Day : 93	23	0.6	6.8	20.8
0016_01	25 mg/kg	Day : 93	23	0.6	7.1	19
0017_01	25 mg/kg	Day : 93	24	0.6	7.5	23.3
0018_01	25 mg/kg	Day : 93	25	0.7	7.9	35.6
0019_01	25 mg/kg	Day : 93	23	0.7	7.4	29.4
0020_01	25 mg/kg	Day : 93	24	0.7	7.6	77.3*
0021_01	50 mg/kg	Day : 93	25	0.7	7.7	25.8
0022_01	50 mg/kg	Day : 93	25	0.8	8.1	31.3

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MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0023_01	50 mg/kg	Day : 93	25	0.8	7.2	92.6*
0024_01	50 mg/kg	Day : 93	24	0.7	7.3	41.7
0025_01	50 mg/kg	Day : 93	25	0.7	7.1	28.2
0026_01	50 mg/kg	Day : 93	21	0.6	7	18.4
0027_01	50 mg/kg	Day : 93	22	0.7	7.5	16.6
0028_01	50 mg/kg	Day : 93	16	0.7	7.3	22.1
0029_01	50 mg/kg	Day : 93	24	0.7	7.5	21.5
0030_01	50 mg/kg	Day : 93	20	0.7	7.1	20.8
0031_01	100 mg/kg	Day : 93	20	0.8	7.4	22.7
0032_01	100 mg/kg	Day : 93	25	0.7	7.1	17.2
0033_01	100 mg/kg	Day : 93	24	0.7	7.2	25.8
0034_01	100 mg/kg	Day : 93	24	0.7	7.4	20.8
0035_01	100 mg/kg	Day : 93	25	0.7	7.5	23.3
0036_01	100 mg/kg	Day : 93	18	0.6	7	16.6
0037_01	100 mg/kg	Day : 93	19	0.6	6.7	17.2
0038_01	100 mg/kg	Day : 93	23	0.7	7.8	20.8
0039_01	100 mg/kg	Day : 93	25	0.7	7.4	22.7
0040_01	100 mg/kg	Day : 93	23	0.7	7	16.6
0041_01	200 mg/kg	Day : 93	23	0.7	7.4	30.7
0042_01	200 mg/kg	Day : 93	24	0.8	6.7	27.6
0043_01	200 mg/kg	Day : 93	24	0.7	7.4	27
0044_01	200 mg/kg	Day : 93	25	0.7	6.9	17.2

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MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0045_01	200 mg/kg	Day : 93	21	0.7	7.1	14.1
0046_01	200 mg/kg	Day : 93	22	0.6	7.2	21.5
0047_01	200 mg/kg	Day : 93	23	0.7	7.5	19
0048_01	200 mg/kg	Day : 93	22	0.7	7.3	32.5
0049_01	200 mg/kg	Day : 93	20	0.7	6.9	18.4
0050_01	200 mg/kg	Day : 93	24	0.6	6.9	23.3
0051_01	400 mg/kg	Day : 93	26	0.9	8.1	59.5
0052_01	400 mg/kg	Day : 93	26	0.9	6.4	88.3
0053_01	400 mg/kg	Day : 93	19	0.6	7.1	17.2
0054_01	400 mg/kg	Day : 93	23	0.6	7.1	14.7
0055_01	400 mg/kg	Day : 93	25	0.7	7.2	55.8
0056_01	400 mg/kg	Day : 93	23	0.6	7.5	19
0057_01	400 mg/kg	Day : 93	23	0.6	7.1	11.7
0058_01	400 mg/kg	Day : 93	28	0.8	7.9	25.8
0059_01	400 mg/kg	Day : 93	23	0.7	7.4	17.8
0060_01	400 mg/kg	Day : 93	22	0.6	6.9	16.6
0121_01	0 mg/kg	Day : 4	26	0.7	6.9	27.6
0121_01	0 mg/kg	Day : 24	24	0.8	7.8	28.8
0122_01	0 mg/kg	Day : 4	26	0.7	6.5	25.8
0122_01	0 mg/kg	Day : 24	23	0.7	7.6	20.2
0123_01	0 mg/kg	Day : 4	26	0.8	6.8	30
0123_01	0 mg/kg	Day : 24	24	0.7	7.8	25.8

Experiment Number: 55323-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 03:08:45

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0124_01	0 mg/kg	Day : 4	24	0.7	6.7	26.4
0124_01	0 mg/kg	Day : 24	21	0.7	7.6	19.6
0125_01	0 mg/kg	Day : 4	27	0.8	6.9	25.8
0125_01	0 mg/kg	Day : 24			8.1	31.9
0126_01	0 mg/kg	Day : 4	25	0.7	6.4	28.2
0126_01	0 mg/kg	Day : 24	26	0.7	7.2	17.2
0127_01	0 mg/kg	Day : 4	25	0.8	6.9	20.2
0127_01	0 mg/kg	Day : 24	22	0.8	7.8	25.8
0128_01	0 mg/kg	Day : 4	24	0.9	7.2	22.1
0128_01	0 mg/kg	Day : 24	23	0.7	7.6	18.4
0129_01	0 mg/kg	Day : 4	29	0.8	7.3	21.5
0129_01	0 mg/kg	Day : 24	26	0.7	7.5	22.1
0130_01	0 mg/kg	Day : 4	26	0.7	6.6	27.6
0130_01	0 mg/kg	Day : 24	24	0.7	7.8	25.1
0131_01	25 mg/kg	Day : 4	26	0.8	6.5	23.9
0131_01	25 mg/kg	Day : 24	26	0.7	7.3	27.6
0132_01	25 mg/kg	Day : 4	26	0.7	6.9	15.3
0132_01	25 mg/kg	Day : 24	24	0.7	7.8	22.7
0133_01	25 mg/kg	Day : 4	28	0.8	7.5	29.4
0133_01	25 mg/kg	Day : 24	21	0.7	7.5	28.2
0134_01	25 mg/kg	Day : 4	26	0.9	7.2	17.8
0134_01	25 mg/kg	Day : 24	23	0.7	7.5	21.5

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:45

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0135_01	25 mg/kg	Day : 4	24	0.7	6.5	28.8
0135_01	25 mg/kg	Day : 24	22	0.8	7.8	31.3
0136_01	25 mg/kg	Day : 4	24	0.7	6.7	21.5
0136_01	25 mg/kg	Day : 24	24	0.7	7.7	25.1
0137_01	25 mg/kg	Day : 4	27	0.7	6.9	16.6
0137_01	25 mg/kg	Day : 24	26	0.7	7.7	19
0138_01	25 mg/kg	Day : 4	25	0.8	7.3	28.2
0138_01	25 mg/kg	Day : 24	21	0.7	7.4	17.2
0139_01	25 mg/kg	Day : 4	29	0.7	7.2	28.8
0139_01	25 mg/kg	Day : 24	25	0.7	7.9	25.1
0140_01	25 mg/kg	Day : 4	25	0.7	6.6	29.4
0140_01	25 mg/kg	Day : 24	24	0.8	7.5	22.1
0141_01	50 mg/kg	Day : 4	27	0.7	6.5	22.7
0141_01	50 mg/kg	Day : 24	25	0.7	7.4	30
0142_01	50 mg/kg	Day : 4	26	0.7	7.4	13.5
0142_01	50 mg/kg	Day : 24	24	0.7	7.7	25.1
0143_01	50 mg/kg	Day : 4	27	0.7	6.6	28.2
0143_01	50 mg/kg	Day : 24	21	0.7	7.2	22.1
0144_01	50 mg/kg	Day : 4	24	0.7	6.7	16.6
0144_01	50 mg/kg	Day : 24	24	0.7	7.7	25.8
0145_01	50 mg/kg	Day : 4	27	0.7	7	14.7
0145_01	50 mg/kg	Day : 24	23	0.7	7.8	22.1

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:45

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0146_01	50 mg/kg	Day : 4	24	0.8	7	19.6
0146_01	50 mg/kg	Day : 24	23	0.7	7.3	17.2
0147_01	50 mg/kg	Day : 4	24	0.8	7.3	27
0147_01	50 mg/kg	Day : 24	22	0.7	7.2	22.1
0148_01	50 mg/kg	Day : 4	26	0.8	6.8	25.8
0148_01	50 mg/kg	Day : 24	25	0.8	7.6	23.3
0149_01	50 mg/kg	Day : 4	27	0.7	6.3	28.2
0149_01	50 mg/kg	Day : 24	26	0.8	7.7	23.3
0150_01	50 mg/kg	Day : 4	28	0.8	7.5	35
0150_01	50 mg/kg	Day : 24	25	0.8	7.6	33.7
0151_01	100 mg/kg	Day : 4	30	0.7	6.5	21.5
0151_01	100 mg/kg	Day : 24	26	0.7	7.8	23.9
0152_01	100 mg/kg	Day : 4	23	0.7	6.8	14.7
0152_01	100 mg/kg	Day : 24	23	0.7	7.4	23.9
0153_01	100 mg/kg	Day : 4	26	0.8	6.6	17.8
0153_01	100 mg/kg	Day : 24	22	0.8	8.1	23.9
0154_01	100 mg/kg	Day : 4	27	0.8	6.7	32.5
0154_01	100 mg/kg	Day : 24	23	0.7	7.7	26.4
0155_01	100 mg/kg	Day : 4	26	0.8	6.6	24.5
0155_01	100 mg/kg	Day : 24	23	0.9	7.6	23.9
0156_01	100 mg/kg	Day : 4	23	0.7	6.4	36.8
0156_01	100 mg/kg	Day : 24	22	0.7	7.5	25.8

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:45

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0157_01	100 mg/kg	Day : 4	24	0.7	6.9	19
0157_01	100 mg/kg	Day : 24	23	0.7	7.7	22.1
0158_01	100 mg/kg	Day : 4	27	0.8	7.1	25.8
0158_01	100 mg/kg	Day : 24	25	0.7	7.4	22.1
0159_01	100 mg/kg	Day : 4	27	0.7	7.2	15.9
0159_01	100 mg/kg	Day : 24	22	0.7	7.8	20.2
0160_01	100 mg/kg	Day : 4	28	0.7	6.2	23.3
0160_01	100 mg/kg	Day : 24	22	0.8	7.2	18.4
0161_01	200 mg/kg	Day : 4	24	0.7	7.1	30
0161_01	200 mg/kg	Day : 24	23	0.7	7.6	28.8
0162_01	200 mg/kg	Day : 4	23	0.8	6.3	19
0162_01	200 mg/kg	Day : 24	19	0.7	7.2	22.7
0163_01	200 mg/kg	Day : 4	26	0.7	7.4	33.1
0163_01	200 mg/kg	Day : 24	18	0.7	7.6	25.1
0164_01	200 mg/kg	Day : 4	24	0.7	6.6	20.2
0164_01	200 mg/kg	Day : 24	23	0.7	7.9	28.8
0165_01	200 mg/kg	Day : 4	29	0.8	6.6	23.3
0165_01	200 mg/kg	Day : 24	27	0.8	7.8	27.6
0166_01	200 mg/kg	Day : 4	25	0.8	6.7	24.5
0166_01	200 mg/kg	Day : 24	24	0.7	7.4	20.8
0167_01	200 mg/kg	Day : 4	24	0.7	6.5	29.4
0167_01	200 mg/kg	Day : 24	23	0.7	7.4	22.1

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:45

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0168_01	200 mg/kg	Day : 4	28	0.8	7.2	26.4
0168_01	200 mg/kg	Day : 24	25	0.7	7.6	19.6
0169_01	200 mg/kg	Day : 4	25	0.7	6.6	28.8
0169_01	200 mg/kg	Day : 24	24	0.7	7.8	22.7
0170_01	200 mg/kg	Day : 4	29	0.7	6.8	30.7
0170_01	200 mg/kg	Day : 24	23	0.7	7.7	20.8
0171_01	400 mg/kg	Day : 4	25	0.7	6.8	19
0171_01	400 mg/kg	Day : 24	23	0.7	7.5	22.7
0172_01	400 mg/kg	Day : 4	28	0.8	8	42.9
0172_01	400 mg/kg	Day : 24	22	0.7	7.3	23.3
0173_01	400 mg/kg	Day : 4	30	0.8	6.9	25.8
0173_01	400 mg/kg	Day : 24	20	0.6	7	14.7
0174_01	400 mg/kg	Day : 4	25	0.7	6.3	22.7
0174_01	400 mg/kg	Day : 24	24	0.8	7.9	19.6
0175_01	400 mg/kg	Day : 4	26	0.7	6.7	26.4
0175_01	400 mg/kg	Day : 24	22	0.7	7	20.8
0176_01	400 mg/kg	Day : 4	23	0.7	6.4	20.2
0176_01	400 mg/kg	Day : 24	22	0.7	7.4	21.5
0177_01	400 mg/kg	Day : 4	25	0.7	6.4	33.7
0177_01	400 mg/kg	Day : 24	23	0.7	7.3	25.8
0178_01	400 mg/kg	Day : 4	26	0.8	6.7	27
0178_01	400 mg/kg	Day : 24	22	0.8	7.5	22.1

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:45

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0179_01	400 mg/kg	Day : 4	28	0.8	6.7	20.8
0179_01	400 mg/kg	Day : 24	22	0.7	7.2	27.6
0180_01	400 mg/kg	Day : 4	27	0.7	7.2	23.3
0180_01	400 mg/kg	Day : 24	23	0.7	7.1	22.1

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:45

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
0061_01	0 mg/kg	Day : 93	4.7	458	45	35
0062_01	0 mg/kg	Day : 93	4.3	510	51	54.5
0063_01	0 mg/kg	Day : 93	5.1	453	47	51.2
0064_01	0 mg/kg	Day : 93	4.5	597	49	18.5
0065_01	0 mg/kg	Day : 93	5	522	79	26.5
0066_01	0 mg/kg	Day : 93	4.4	508	49	36.6
0067_01	0 mg/kg	Day : 93	4.9	595	66	47.1
0068_01	0 mg/kg	Day : 93	4.5	505	44	44.6
0069_01	0 mg/kg	Day : 93	4.8	629	56	37.8
0070_01	0 mg/kg	Day : 93	4.8	594	49	25.5
0071_01	25 mg/kg	Day : 93	4.6	562	52	37
0072_01	25 mg/kg	Day : 93	5.6	503	59	66.6
0073_01	25 mg/kg	Day : 93	4.5	667	63	71.3
0074_01	25 mg/kg	Day : 93	5.3	525	80	19.4
0075_01	25 mg/kg	Day : 93	4.4	540	45	26.3
0076_01	25 mg/kg	Day : 93	5	611	58	23.1
0077_01	25 mg/kg	Day : 93	4.8	566	45	38.6
0078_01	25 mg/kg	Day : 93	4.3	494	49	27.2
0079_01	25 mg/kg	Day : 93	5.1	703	61	116
0080_01	25 mg/kg	Day : 93	4.9	632	68	117.8
0081_01	50 mg/kg	Day : 93	4.9	485	57	32.9
0082_01	50 mg/kg	Day : 93	4.6	643	86	40.1

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
0083_01	50 mg/kg	Day : 93	4.6	594	53	26.7
0084_01	50 mg/kg	Day : 93	4.7	489	65	47.1
0085_01	50 mg/kg	Day : 93	4.8	508	64	46.4
0086_01	50 mg/kg	Day : 93	5	570	114	27.6
0087_01	50 mg/kg	Day : 93	4.6	611	53	18.1
0088_01	50 mg/kg	Day : 93	4.8	483	39	46.4
0089_01	50 mg/kg	Day : 93	4.9	516	59	29.2
0090_01	50 mg/kg	Day : 93	4.7	591	58	28.4
0091_01	100 mg/kg	Day : 93	5.2	663	117	61.2
0092_01	100 mg/kg	Day : 93	4.6	482	57	17.7
0093_01	100 mg/kg	Day : 93	4.8	594	49	16.1
0094_01	100 mg/kg	Day : 93	4.7	579	70	54.2
0095_01	100 mg/kg	Day : 93	4.8	558	89	17.3
0096_01	100 mg/kg	Day : 93	4.9	424	94	28.6
0097_01	100 mg/kg	Day : 93	4.8	634	68	30.4
0098_01	100 mg/kg	Day : 93	4.5	532	56	18.7
0099_01	100 mg/kg	Day : 93	4.7	604	78	70.9
0100_01	100 mg/kg	Day : 93	4.6	761	70	27.6
0101_01	200 mg/kg	Day : 93	4.6	635	48	19
0102_01	200 mg/kg	Day : 93	5	554	41	23.9
0103_01	200 mg/kg	Day : 93	4.5	541	44	56.1
0104_01	200 mg/kg	Day : 93	4.9	706	47	22.6

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

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
0104_01	200 mg/kg	Day : 93	4.9	706	47	22.6
0105_01	200 mg/kg	Day : 93	4.7	590	44	22.8
0106_01	200 mg/kg	Day : 93	4.9	566	57	32.5
0107_01	200 mg/kg	Day : 93	4.7	638	46	16.5
0108_01	200 mg/kg	Day : 93	4.9	603	48	18.8
0109_01	200 mg/kg	Day : 93	4.6	621	38	17.9
0110_01	200 mg/kg	Day : 93	5.1	614	68	19
0111_01	400 mg/kg	Day : 93	4.8	555	47	14.4
0112_01	400 mg/kg	Day : 93	4.7	589	54	16.3
0113_01	400 mg/kg	Day : 93	5.2	594	47	20
0114_01	400 mg/kg	Day : 93	5	597	57	15.9
0115_01	400 mg/kg	Day : 93	4.5	568	50	16.3
0116_01	400 mg/kg	Day : 93	4.6	615	56	33.3
0117_01	400 mg/kg	Day : 93	5.1	578	53	19.8
0118_01	400 mg/kg	Day : 93	4.6	537	46	15.7
0119_01	400 mg/kg	Day : 93	4.9	623	77	18.8
0120_01	400 mg/kg	Day : 93	4.8	597	48	23.1
0181_01	0 mg/kg	Day : 4	4.7	1225	54	25.2
0181_01	0 mg/kg	Day : 24	5.2	947	43	25.4
0182_01	0 mg/kg	Day : 4	4.8	1318	37	14.3
0182_01	0 mg/kg	Day : 24	5.2	989	41	22
0183_01	0 mg/kg	Day : 4	4.7	1262	43	44.2

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
0183_01	0 mg/kg	Day : 24	5.2	969	41	63.1
0184_01	0 mg/kg	Day : 4	4.6	1334	44	29.5
0184_01	0 mg/kg	Day : 24	5	1080	38	50.3
0185_01	0 mg/kg	Day : 4	4.6	1586	44	69.1
0185_01	0 mg/kg	Day : 24	5	1110	43	38.1
0186_01	0 mg/kg	Day : 4	4.5	1289	40	39.8
0186_01	0 mg/kg	Day : 24	4.8	948	45	35.9
0187_01	0 mg/kg	Day : 4	4.8	1327	42	18.6
0187_01	0 mg/kg	Day : 24	5.2	995	47	33.7
0188_01	0 mg/kg	Day : 4	4.5	1231	40	30.6
0188_01	0 mg/kg	Day : 24	4.9	922	45	39.1
0189_01	0 mg/kg	Day : 4	4.9	1190	43	25
0189_01	0 mg/kg	Day : 24	5	856	39	57.7
0190_01	0 mg/kg	Day : 4	4.5	1256	46	48.9
0190_01	0 mg/kg	Day : 24	4.9	950	39	17.8
0191_01	25 mg/kg	Day : 4	4.8	1236	43	21.7
0191_01	25 mg/kg	Day : 24	5.1	916	41	47.7
0192_01	25 mg/kg	Day : 4	4.8	1050	41	46.4
0192_01	25 mg/kg	Day : 24	5.3	1020	40	39.5
0193_01	25 mg/kg	Day : 4	4.8	1216	41	16.7
0193_01	25 mg/kg	Day : 24	5.2	852	38	35.1
0194_01	25 mg/kg	Day : 4	4.7	1277	44	27.9

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_01	25 mg/kg	Day : 4	4.7	1277	44	27.9
0194_01	25 mg/kg	Day : 24	5.3	1034	40	18.6
0195_01	25 mg/kg	Day : 4	4.5	1179	38	30.8
0195_01	25 mg/kg	Day : 24	5.1	956	38	62.5
0196_01	25 mg/kg	Day : 4	4.3	1241	40	36.9
0196_01	25 mg/kg	Day : 24	4.8	955	41	33.1
0197_01	25 mg/kg	Day : 4	4.2	1271	40	46
0197_01	25 mg/kg	Day : 24	5.1	1062	41	21.2
0198_01	25 mg/kg	Day : 4	4.3	1273	37	33.4
0198_01	25 mg/kg	Day : 24	5.3	1145	46	56.5
0199_01	25 mg/kg	Day : 4	4.6	1332	40	19.4
0199_01	25 mg/kg	Day : 24	4.9	971	43	72.1
0200_01	25 mg/kg	Day : 4	4.4	1262	38	40
0200_01	25 mg/kg	Day : 24	5.1	984	47	37.9
0201_01	50 mg/kg	Day : 4	4.7	1418	42	48.3
0201_01	50 mg/kg	Day : 24	5.1	1046	43	44.5
0202_01	50 mg/kg	Day : 4	4.4	1183	39	49.1
0202_01	50 mg/kg	Day : 24	5.1	1065	40	46.5
0203_01	50 mg/kg	Day : 4	4.7	1308	41	67.9
0203_01	50 mg/kg	Day : 24	5.1	1029	40	20.4
0204_01	50 mg/kg	Day : 4	4.4	1209	46	31.4
0204_01	50 mg/kg	Day : 24	5.2	926	43	18

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

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
0205_01	50 mg/kg	Day : 4	4.5	1240	44	42.3
0205_01	50 mg/kg	Day : 24	5	867	49	74.5
0206_01	50 mg/kg	Day : 4	4.3	1226	39	36.3
0206_01	50 mg/kg	Day : 24	5.1	960	40	29.7
0207_01	50 mg/kg	Day : 4	5	1452	44	27.9
0207_01	50 mg/kg	Day : 24	5	1068	47	19
0208_01	50 mg/kg	Day : 4	5	1189	45	19
0208_01	50 mg/kg	Day : 24	4.5	843	103	47.3
0209_01	50 mg/kg	Day : 4	4.6	1260	40	27
0209_01	50 mg/kg	Day : 24	5.1	1034	40	16.8
0210_01	50 mg/kg	Day : 4	4.7	1303	44	38
0210_01	50 mg/kg	Day : 24	5.3	1184	45	38.9
0211_01	100 mg/kg	Day : 4	4.5	1191	44	50.7
0211_01	100 mg/kg	Day : 24	4.9	850	43	33.7
0212_01	100 mg/kg	Day : 4	4.9	1472	48	33.8
0212_01	100 mg/kg	Day : 24	5.2	986	58	28.8
0213_01	100 mg/kg	Day : 4	4.7	1252	56	24.6
0213_01	100 mg/kg	Day : 24	5.2	1008	43	15.8
0214_01	100 mg/kg	Day : 4	4.6	1077	39	14.5
0214_01	100 mg/kg	Day : 24	5.2	932	37	16.6
0215_01	100 mg/kg	Day : 4	4.5	1133	41	28.7
0215_01	100 mg/kg	Day : 24	5.2	858	41	23.2

Experiment Number: 55323-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 03:08:46

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
0215_01	100 mg/kg	Day : 24	5.2	858	41	23.2
0216_01	100 mg/kg	Day : 4	4.8	1216	46	21.1
0216_01	100 mg/kg	Day : 24	5.2	982	43	27.4
0217_01	100 mg/kg	Day : 4	4.6	1421	44	21.1
0217_01	100 mg/kg	Day : 24	5.2	1082	47	25.6
0218_01	100 mg/kg	Day : 4	4.9	1376	38	15.7
0218_01	100 mg/kg	Day : 24	5.4	1062	41	75.1
0219_01	100 mg/kg	Day : 4	4.5	1267	48	21.7
0219_01	100 mg/kg	Day : 24	5.1	1040	42	52.5
0220_01	100 mg/kg	Day : 4	4.9	1298	46	25.2
0220_01	100 mg/kg	Day : 24	5.2	1048	38	33.7
0221_01	200 mg/kg	Day : 4	4.7	1229	47	62.7
0221_01	200 mg/kg	Day : 24	5.2	1078	41	16
0222_01	200 mg/kg	Day : 4	4.6	1051	40	19.8
0222_01	200 mg/kg	Day : 24	5.1	898	39	16.2
0223_01	200 mg/kg	Day : 4	4.6	1598	40	42.5
0223_01	200 mg/kg	Day : 24	5.3	1184	43	28.6
0224_01	200 mg/kg	Day : 4	4.5	1170	48	18
0224_01	200 mg/kg	Day : 24	5.2	1048	43	21.8
0225_01	200 mg/kg	Day : 4	4.9	1449	49	19.2
0225_01	200 mg/kg	Day : 24	5	956	43	15.4
0226_01	200 mg/kg	Day : 4	4.4	1274	45	14.7

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
0226_01	200 mg/kg	Day : 24	5.2	1056	45	14.4
0227_01	200 mg/kg	Day : 4	4.4	1257	40	62.1
0227_01	200 mg/kg	Day : 24	5.3	1070	43	21
0228_01	200 mg/kg	Day : 4	4.6	1224	45	19.6
0228_01	200 mg/kg	Day : 24	5.4	968	44	51.9
0229_01	200 mg/kg	Day : 4	4.6	1122	48	17.2
0229_01	200 mg/kg	Day : 24	5.2	1001	38	43.3
0230_01	200 mg/kg	Day : 4	4.2	1128	43	44.6
0230_01	200 mg/kg	Day : 24	5	1037	43	34.3
0231_01	400 mg/kg	Day : 4	4.4	1016	51	48.5
0231_01	400 mg/kg	Day : 24	5.1	920	41	14.2
0232_01	400 mg/kg	Day : 4	4.5	1194	48	29.9
0232_01	400 mg/kg	Day : 24	4.8	1014	48	25.2
0233_01	400 mg/kg	Day : 4	4.7	1521	62	22.3
0233_01	400 mg/kg	Day : 24	5.2	1161	50	17.2
0234_01	400 mg/kg	Day : 4	4.6	1385	41	23.1
0234_01	400 mg/kg	Day : 24	5.1	1012	46	19.6
0235_01	400 mg/kg	Day : 4	4.3	1246	48	34.1
0235_01	400 mg/kg	Day : 24	5	1025	46	18.4
0236_01	400 mg/kg	Day : 4	4.5	1393	43	72.4
0236_01	400 mg/kg	Day : 24	5.4	1237	46	19.4
0237_01	400 mg/kg	Day : 4	4.8	1122	44	14.3

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

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
0237_01	400 mg/kg	Day : 4	4.8	1122	44	14.3
0237_01	400 mg/kg	Day : 24	5.3	963	38	15
0238_01	400 mg/kg	Day : 4	4.7	1334	48	15.7
0238_01	400 mg/kg	Day : 24	5.2	958	42	18.8
0239_01	400 mg/kg	Day : 4	4.7	1252	40	51.4
0239_01	400 mg/kg	Day : 24	4.8	1008	46	31.1
0240_01	400 mg/kg	Day : 4	4.5	1002	39	17.8
0240_01	400 mg/kg	Day : 24	5.8	1056	47	20

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0061_01	0 mg/kg	Day : 93	22	0.4	6.9	14.1
0062_01	0 mg/kg	Day : 93	23	0.7	6.2	19
0063_01	0 mg/kg	Day : 93	24	0.7	7.2	15.3
0064_01	0 mg/kg	Day : 93	25	0.6	6.5	22.7
0065_01	0 mg/kg	Day : 93	24	0.7	7.3	27.6
0066_01	0 mg/kg	Day : 93	21	0.6	6.4	12.3
0067_01	0 mg/kg	Day : 93	21	0.9	7.3	33.1
0068_01	0 mg/kg	Day : 93	26	0.7	6.5	13.5
0069_01	0 mg/kg	Day : 93	23	0.7	7.1	19
0070_01	0 mg/kg	Day : 93	24	0.8	7	25.1
0071_01	25 mg/kg	Day : 93	23	0.6	6.7	15.9
0072_01	25 mg/kg	Day : 93	24	0.7	8.2	17.8
0073_01	25 mg/kg	Day : 93	25	0.6	6.6	22.1
0074_01	25 mg/kg	Day : 93	23	0.7	7.5	33.1
0075_01	25 mg/kg	Day : 93	21	0.6	6.3	18.4
0076_01	25 mg/kg	Day : 93	20	0.7	7.2	15.9
0077_01	25 mg/kg	Day : 93	20	0.6	6.5	11.7
0078_01	25 mg/kg	Day : 93	23	0.7	6.4	17.2
0079_01	25 mg/kg	Day : 93	24	0.7	7.5	19
0080_01	25 mg/kg	Day : 93	29	0.8	7.1	33.7
0081_01	50 mg/kg	Day : 93	29	0.7	7.1	25.1
0082_01	50 mg/kg	Day : 93	23	0.7	6.9	27

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0083_01	50 mg/kg	Day : 93	21	0.7	6.6	21.5
0084_01	50 mg/kg	Day : 93	22	0.6	6.7	15.3
0085_01	50 mg/kg	Day : 93	22	0.7	7.2	20.2
0086_01	50 mg/kg	Day : 93	23	0.7	7.5	42.9
0087_01	50 mg/kg	Day : 93	23	0.7	7.1	14.7
0088_01	50 mg/kg	Day : 93	22	0.6	7.1	12.3
0089_01	50 mg/kg	Day : 93	23	0.7	7.1	18.4
0090_01	50 mg/kg	Day : 93	24	0.7	6.8	11.7
0091_01	100 mg/kg	Day : 93	28	0.8	7.5	81.6
0092_01	100 mg/kg	Day : 93	22	0.7	6.8	19.6
0093_01	100 mg/kg	Day : 93	24	0.7	6.9	19
0094_01	100 mg/kg	Day : 93	24	0.8	6.7	39.9
0095_01	100 mg/kg	Day : 93	25	0.6	6.8	22.1
0096_01	100 mg/kg	Day : 93	20	0.6	7	28.8
0097_01	100 mg/kg	Day : 93	24	0.6	6.9	16.6
0098_01	100 mg/kg	Day : 93	24	0.7	6.9	20.2
0099_01	100 mg/kg	Day : 93	26	0.8	6.8	50.3
0100_01	100 mg/kg	Day : 93	23	0.6	6.5	23.9
0101_01	200 mg/kg	Day : 93	21	0.7	6.6	17.8
0102_01	200 mg/kg	Day : 93	22	0.7	7	17.8
0103_01	200 mg/kg	Day : 93	24	0.6	6.6	15.3
0104_01	200 mg/kg	Day : 93	26	0.7	7	15.3

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0105_01	200 mg/kg	Day : 93	19	0.6	6.7	12.9
0106_01	200 mg/kg	Day : 93	22	0.7	7	12.9
0107_01	200 mg/kg	Day : 93	21	0.7	6.8	21.5
0108_01	200 mg/kg	Day : 93	23	0.7	6.8	15.3
0109_01	200 mg/kg	Day : 93	21	0.7	6.5	16.6
0110_01	200 mg/kg	Day : 93	24	0.8	7.2	37.4
0111_01	400 mg/kg	Day : 93	24	0.7	6.9	11.7
0112_01	400 mg/kg	Day : 93	23	0.7	6.7	20.8
0113_01	400 mg/kg	Day : 93	25	0.7	7.3	20.2
0114_01	400 mg/kg	Day : 93	28	0.7	7	20.2
0115_01	400 mg/kg	Day : 93	21	0.6	6.4	16.6
0116_01	400 mg/kg	Day : 93	23	0.7	6.5	23.9
0117_01	400 mg/kg	Day : 93	23	0.7	7.2	16.6
0118_01	400 mg/kg	Day : 93	19	0.6	6.5	8.6
0119_01	400 mg/kg	Day : 93	25	0.5	7	25.8
0120_01	400 mg/kg	Day : 93	20	0.6	6.9	15.3
0181_01	0 mg/kg	Day : 4	30	0.8	6.8	41.1
0181_01	0 mg/kg	Day : 24	27	0.7	7.2	30
0182_01	0 mg/kg	Day : 4	24	0.7	6.8	18.4
0182_01	0 mg/kg	Day : 24	25	0.7	7.3	28.2
0183_01	0 mg/kg	Day : 4	23	0.7	6.6	20.8
0183_01	0 mg/kg	Day : 24	28	0.8	7.3	22.7

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0184_01	0 mg/kg	Day : 4	24	0.7	6.4	23.9
0184_01	0 mg/kg	Day : 24	26	0.7	7.1	29.4
0185_01	0 mg/kg	Day : 4	21	0.6	6.4	15.9
0185_01	0 mg/kg	Day : 24	28	0.7	7	26.4
0186_01	0 mg/kg	Day : 4	24	0.6	6.3	14.1
0186_01	0 mg/kg	Day : 24	22	0.7	6.9	31.3
0187_01	0 mg/kg	Day : 4	22	0.6	6.7	19
0187_01	0 mg/kg	Day : 24	25	0.8	7.5	25.8
0188_01	0 mg/kg	Day : 4	25	0.7	6.3	16.6
0188_01	0 mg/kg	Day : 24	27	0.7	7.1	26.4
0189_01	0 mg/kg	Day : 4	25	0.7	6.8	22.7
0189_01	0 mg/kg	Day : 24	25	0.8	6.9	33.1
0190_01	0 mg/kg	Day : 4	23	0.7	6.4	23.3
0190_01	0 mg/kg	Day : 24	26	0.8	7	25.1
0191_01	25 mg/kg	Day : 4	23	0.7	6.7	16.6
0191_01	25 mg/kg	Day : 24	25	0.8	7.1	20.8
0192_01	25 mg/kg	Day : 4	23	0.6	6.8	22.7
0192_01	25 mg/kg	Day : 24	27	0.8	7.5	28.8
0193_01	25 mg/kg	Day : 4	25	0.6	6.6	19.6
0193_01	25 mg/kg	Day : 24	26	0.7	7.3	23.9
0194_01	25 mg/kg	Day : 4	21	0.7	6.6	25.1
0194_01	25 mg/kg	Day : 24	27	0.8	7.5	23.3

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0195_01	25 mg/kg	Day : 4	22	0.7	6.4	19.6
0195_01	25 mg/kg	Day : 24	25	0.7	7.2	25.1
0196_01	25 mg/kg	Day : 4	19	0.6	6.1	12.9
0196_01	25 mg/kg	Day : 24	21	0.7	6.8	22.7
0197_01	25 mg/kg	Day : 4	20	0.6	6	17.2
0197_01	25 mg/kg	Day : 24	26	0.7	7	30.7
0198_01	25 mg/kg	Day : 4	20	0.6	6	17.8
0198_01	25 mg/kg	Day : 24	27	0.9	7.4	37.4
0199_01	25 mg/kg	Day : 4	25	0.7	6.3	22.7
0199_01	25 mg/kg	Day : 24	27	0.7	6.8	28.8
0200_01	25 mg/kg	Day : 4	22	0.6	6.2	20.2
0200_01	25 mg/kg	Day : 24	27	0.8	7.1	27.6
0201_01	50 mg/kg	Day : 4	23	0.7	6.6	26.4
0201_01	50 mg/kg	Day : 24	25	0.7	7.2	26.4
0202_01	50 mg/kg	Day : 4	20	0.6	6.1	12.3
0202_01	50 mg/kg	Day : 24	24	0.7	7.2	27
0203_01	50 mg/kg	Day : 4	27	0.7	6.7	25.1
0203_01	50 mg/kg	Day : 24	29	0.8	7.4	23.9
0204_01	50 mg/kg	Day : 4	20	0.5	6.2	14.7
0204_01	50 mg/kg	Day : 24	23	0.8	7.3	31.9
0205_01	50 mg/kg	Day : 4	19	0.6	6.4	15.9
0205_01	50 mg/kg	Day : 24	23	0.7	6.9	24.5

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:46

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0206_01	50 mg/kg	Day : 4	20	0.7	6	16.6
0206_01	50 mg/kg	Day : 24	23	0.7	7.1	25.8
0207_01	50 mg/kg	Day : 4	25	0.7	7	21.5
0207_01	50 mg/kg	Day : 24	23	0.7	7.1	26.4
0208_01	50 mg/kg	Day : 4	25	0.8	6.9	28.2
0208_01	50 mg/kg	Day : 24	31	0.9	6.3	100*
0209_01	50 mg/kg	Day : 4	25	0.7	6.3	22.1
0209_01	50 mg/kg	Day : 24	28	0.7	7.2	30
0210_01	50 mg/kg	Day : 4	26	0.8	6.5	26.4
0210_01	50 mg/kg	Day : 24	29	0.9	7.4	35.6
0211_01	100 mg/kg	Day : 4	20	0.6	6.1	14.7
0211_01	100 mg/kg	Day : 24	22	0.7	7	25.8
0212_01	100 mg/kg	Day : 4	20	0.6	6.9	14.7
0212_01	100 mg/kg	Day : 24	24	0.8	7.5	36.8
0213_01	100 mg/kg	Day : 4	26	0.7	6.6	28.8
0213_01	100 mg/kg	Day : 24	25	0.7	7.3	22.1
0214_01	100 mg/kg	Day : 4	20	0.8	6.5	19.6
0214_01	100 mg/kg	Day : 24	26	0.8	7.2	27
0215_01	100 mg/kg	Day : 4	22	0.6	6.3	25.1
0215_01	100 mg/kg	Day : 24	25	0.8	7.2	28.8
0216_01	100 mg/kg	Day : 4	26	0.7	6.7	12.9
0216_01	100 mg/kg	Day : 24	30	0.8	7.2	27.6

Experiment Number: 55323-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 03:08:47

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0217_01	100 mg/kg	Day : 4	23	0.6	6.5	15.3
0217_01	100 mg/kg	Day : 24	23	0.7	7.3	20.2
0218_01	100 mg/kg	Day : 4	26	0.8	6.9	22.7
0218_01	100 mg/kg	Day : 24	26	0.8	7.6	30
0219_01	100 mg/kg	Day : 4	23	0.6	6.4	13.5
0219_01	100 mg/kg	Day : 24	24	0.7	7	23.9
0220_01	100 mg/kg	Day : 4	20	0.8	6.8	17.2
0220_01	100 mg/kg	Day : 24	25	0.8	7.4	19
0221_01	200 mg/kg	Day : 4	23	0.7	6.6	26.4
0221_01	200 mg/kg	Day : 24	24	0.7	7.4	23.9
0222_01	200 mg/kg	Day : 4	24	0.7	6.3	23.3
0222_01	200 mg/kg	Day : 24	26	0.8	7.1	23.3
0223_01	200 mg/kg	Day : 4	27	0.6	6.3	22.7
0223_01	200 mg/kg	Day : 24	26	0.7	7.3	19.6
0224_01	200 mg/kg	Day : 4	27	0.7	6.2	20.8
0224_01	200 mg/kg	Day : 24	26	0.7	7.3	25.8
0225_01	200 mg/kg	Day : 4	24	0.7	6.8	27.6
0225_01	200 mg/kg	Day : 24	25	0.8	6.9	28.2
0226_01	200 mg/kg	Day : 4	22	0.6	6.1	16.6
0226_01	200 mg/kg	Day : 24	26	0.7	7.1	21.5
0227_01	200 mg/kg	Day : 4	22	0.6	6.1	20.8
0227_01	200 mg/kg	Day : 24	26	0.7	7.2	30

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:47

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0228_01	200 mg/kg	Day : 4	26	0.7	6.4	20.2
0228_01	200 mg/kg	Day : 24	27	0.8	7.6	17.8
0229_01	200 mg/kg	Day : 4	24	0.8	6.4	22.7
0229_01	200 mg/kg	Day : 24	25	0.7	7.3	17.2
0230_01	200 mg/kg	Day : 4	21	0.6	6	15.9
0230_01	200 mg/kg	Day : 24	24	0.8	7	23.3
0231_01	400 mg/kg	Day : 4	25	0.7	6.1	22.7
0231_01	400 mg/kg	Day : 24	27	0.7	7.1	23.9
0232_01	400 mg/kg	Day : 4	22	0.6	6.4	15.3
0232_01	400 mg/kg	Day : 24	23	0.7	6.6	22.7
0233_01	400 mg/kg	Day : 4	25	0.6	6.5	25.8
0233_01	400 mg/kg	Day : 24	25	0.7	7.1	34.3
0234_01	400 mg/kg	Day : 4	26	0.7	6.5	25.8
0234_01	400 mg/kg	Day : 24	28	0.7	6.8	23.3
0235_01	400 mg/kg	Day : 4	21	0.6	6.1	15.9
0235_01	400 mg/kg	Day : 24	24	0.7	6.9	28.2
0236_01	400 mg/kg	Day : 4	24	0.6	6.3	19
0236_01	400 mg/kg	Day : 24	24	0.9	7.4	21.5
0237_01	400 mg/kg	Day : 4	22	0.7	6.8	20.2
0237_01	400 mg/kg	Day : 24	22	0.7	7.2	28.8
0238_01	400 mg/kg	Day : 4	22	0.6	6.6	13.5
0238_01	400 mg/kg	Day : 24	20	0.7	7.3	28.2

Experiment Number: 55323-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:08:47

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Protein Total g per dL	SDH IU per L
0239_01	400 mg/kg	Day : 4	24	0.7	6.5	15.9
0239_01	400 mg/kg	Day : 24	24	0.7	6.7	35
0240_01	400 mg/kg	Day : 4	20	0.6	6.4	15.3
0240_01	400 mg/kg	Day : 24	24	0.8	8	28.2

** END OF REPORT **