

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:01

First Dose M/F: NA / NA

Lab: NA

C Number: C91014

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:01

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 : 92	4.9	575	52	29.2
0002_01	0 mg/kg	Day : 92	4.9	574	54	14.7
0003_01	0 mg/kg	Day : 92	4.9	547	60	31.6
0004_01	0 mg/kg	Day : 92		499	43	16.7
0005_01	0 mg/kg	Day : 92	5	564	44	46.8
0006_01	0 mg/kg	Day : 92	5.1	582	56	20.3
0007_01	0 mg/kg	Day : 92	5	572	56	11.3
0008_01	0 mg/kg	Day : 92	4.9	532	47	30.4
0009_01	0 mg/kg	Day : 92	4.9	516	50	19.1
0010_01	0 mg/kg	Day : 92	4.7	588	46	21.3
0011_01	25 mg/kg	Day : 92	4.9	568	82	28.6
0012_01	25 mg/kg	Day : 92	4.9	548	48	29
0013_01	25 mg/kg	Day : 92	4.7	522	44	20.3
0014_01	25 mg/kg	Day : 92	5.1	548	49	21.1
0015_01	25 mg/kg	Day : 92	4.9	571	57	24.8
0016_01	25 mg/kg	Day : 92	4.8	576	52	15.7
0017_01	25 mg/kg	Day : 92	5	531	51	25
0018_01	25 mg/kg	Day : 92	5	485	47	32.8
0019_01	25 mg/kg	Day : 92	4.8	506	47	22.1
0020_01	25 mg/kg	Day : 92	3.3	284	30	29
0021_01	50 mg/kg	Day : 92	5.1	471	46	42.1
0022_01	50 mg/kg	Day : 92	4.8	492	48	17.7

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:02

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_01	50 mg/kg	Day : 92	4.9	566	48	16.3
0024_01	50 mg/kg	Day : 92	4.9	494	43	18.9
0025_01	50 mg/kg	Day : 92	5	522	82	47.4
0026_01	50 mg/kg	Day : 92	4.8	523	41	28.8
0027_01	50 mg/kg	Day : 92	5	515	48	39.9
0028_01	50 mg/kg	Day : 92	5	459	59	61.9
0029_01	50 mg/kg	Day : 92	4.6	500	46	18.3
0030_01	50 mg/kg	Day : 92	5.1	518	57	34.9
0031_01	100 mg/kg	Day : 92	4.8	562	46	16.9
0032_01	100 mg/kg	Day : 92	4.7	582	39	16.7
0033_01	100 mg/kg	Day : 92	4.8	479	56	36.3
0034_01	100 mg/kg	Day : 92	5	625	48	14.7
0035_01	100 mg/kg	Day : 92	4.9	558	48	33.6
0036_01	100 mg/kg	Day : 92	4.6	622	50	18.3
0037_01	100 mg/kg	Day : 92	4.8	550	48	16.9
0038_01	100 mg/kg	Day : 92	5.1	605	57	17.3
0039_01	100 mg/kg	Day : 92	5	539	47	18.1
0040_01	100 mg/kg	Day : 92	5.1	542	46	26.6
0041_01	200 mg/kg	Day : 92	5.1	585	53	16.9
0042_01	200 mg/kg	Day : 92	4.9	585	47	16.9
0043_01	200 mg/kg	Day : 92	4.7	543	45	26.2
0044_01	200 mg/kg	Day : 92	4.6	479	45	26.2

Experiment Number: 91014-01

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Species/Strain: Rat/Fischer 344

Time Report Requested: 01:46:02

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
0044_01	200 mg/kg	Day : 92	4.6	479	45	26.2
0045_01	200 mg/kg	Day : 92	4.9	543	45	54.4
0046_01	200 mg/kg	Day : 92	4.8	550	52	32
0047_01	200 mg/kg	Day : 92	4.8	565	56	21.9
0048_01	200 mg/kg	Day : 92	4.6	534	48	26
0049_01	200 mg/kg	Day : 92	5	591	48	27.2
0050_01	200 mg/kg	Day : 92	4.8	631	53	15.7
0051_01	400 mg/kg	Day : 92	4.6	594	55	28.8
0052_01	400 mg/kg	Day : 92	4.6	624	49	16.3
0053_01	400 mg/kg	Day : 92	4.7	637	48	25
0054_01	400 mg/kg	Day : 92	4.7	624	51	18.1
0055_01	400 mg/kg	Day : 92	5	711	66	15.3
0056_01	400 mg/kg	Day : 92	4.6	643	49	13.5
0057_01	400 mg/kg	Day : 92	4.8	671	49	16.7
0058_01	400 mg/kg	Day : 92	5	694	49	14.7
0059_01	400 mg/kg	Day : 92	4.7	714	60	19.5
0060_01	400 mg/kg	Day : 92	5.5	703	88	19.9
0121_01	0 mg/kg	Day : 5	4.5	1121	43	28.8
0121_01	0 mg/kg	Day : 19	4.5	795	38	17.1
0122_01	0 mg/kg	Day : 5	4.4	1091	40	45
0122_01	0 mg/kg	Day : 19	4.5	734	41	28
0123_01	0 mg/kg	Day : 5	4.5	1109	40	58.8

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 : 19	4.6	799	46	20.8
0124_01	0 mg/kg	Day : 5	4.6	1149	39	51.5
0124_01	0 mg/kg	Day : 19	4.5	786	40	37.1
0125_01	0 mg/kg	Day : 5	4.6	1117	38	32.7
0125_01	0 mg/kg	Day : 19	4.7	837	36	38.7
0126_01	0 mg/kg	Day : 5	4.6	1208	40	22
0126_01	0 mg/kg	Day : 19	4.7	958	53	15.7
0127_01	0 mg/kg	Day : 5	4.5	1163	36	30
0127_01	0 mg/kg	Day : 19	4.3	798	35	19.3
0128_01	0 mg/kg	Day : 5	4.5	1158	39	40.3
0128_01	0 mg/kg	Day : 19	4.5	877	37	60.3
0129_01	0 mg/kg	Day : 5	4.5	1099	42	17.4
0129_01	0 mg/kg	Day : 19	4.7	806	38	41.4
0130_01	0 mg/kg	Day : 5	4.5	1234	35	20.6
0130_01	0 mg/kg	Day : 19	4.5	854	37	39.1
0131_01	25 mg/kg	Day : 5	4.4	1161	40	18.5
0131_01	25 mg/kg	Day : 19	4.7	867	40	21.5
0132_01	25 mg/kg	Day : 5	4.6	1173	46	15.1
0132_01	25 mg/kg	Day : 19	4.6	822	39	32.2
0133_01	25 mg/kg	Day : 5	4.5	1032	43	17.6
0133_01	25 mg/kg	Day : 19	4.7	764	43	44.9
0134_01	25 mg/kg	Day : 5	4.3	1079	36	25.1

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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
0134_01	25 mg/kg	Day : 5	4.3	1079	36	25.1
0134_01	25 mg/kg	Day : 19	4.3	828	35	23.1
0135_01	25 mg/kg	Day : 5	4.4	1121	33	67.3
0135_01	25 mg/kg	Day : 19	4.8	817	43	17.5
0136_01	25 mg/kg	Day : 5	4.6	1113	42	32.7
0136_01	25 mg/kg	Day : 19	4.5	792	35	15.2
0137_01	25 mg/kg	Day : 5	4.4	1165	36	55.6
0137_01	25 mg/kg	Day : 19	4.3	834	39	38.2
0138_01	25 mg/kg	Day : 5	4.5	1055	37	36.4
0138_01	25 mg/kg	Day : 19	4.5	806	39	19.1
0139_01	25 mg/kg	Day : 5	4.6	1118	40	65.9
0139_01	25 mg/kg	Day : 19	4.7	805	38	20.6
0140_01	25 mg/kg	Day : 5	4.5	1211	44	24.2
0140_01	25 mg/kg	Day : 19	4.6	922	45	41.3
0141_01	50 mg/kg	Day : 5	4.4	1116	35	54.7
0141_01	50 mg/kg	Day : 19	4.5	869	39	22.6
0142_01	50 mg/kg	Day : 5	4.3	1102	40	21.7
0142_01	50 mg/kg	Day : 19	4.7	862	41	15.5
0143_01	50 mg/kg	Day : 5	4.5	1240	39	52.2
0143_01	50 mg/kg	Day : 19	4.8	948	41	30.4
0144_01	50 mg/kg	Day : 5	4.3	1161	33	14.8
0144_01	50 mg/kg	Day : 19	4.6	804	38	18.6

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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
0145_01	50 mg/kg	Day : 5	4.5	1197	35	45.3
0145_01	50 mg/kg	Day : 19	5	923	40	39.3
0146_01	50 mg/kg	Day : 5	4.4	1039	34	26.3
0146_01	50 mg/kg	Day : 19	4.4	756	34	25.1
0147_01	50 mg/kg	Day : 5	4.5	1210	33	16.4
0147_01	50 mg/kg	Day : 19	5	951	43	17.3
0148_01	50 mg/kg	Day : 5	4.7	1106	43	22.2
0148_01	50 mg/kg	Day : 19	4.5	729	39	41.8
0149_01	50 mg/kg	Day : 5	4.6	1205	38	30.7
0149_01	50 mg/kg	Day : 19	4.6	848	36	30.7
0150_01	50 mg/kg	Day : 5	4.6	1129	43	28.3
0150_01	50 mg/kg	Day : 19	4.7	748	39	28.4
0151_01	100 mg/kg	Day : 5	4.4	1136	39	74.8
0151_01	100 mg/kg	Day : 19	4.6	845	39	21.3
0152_01	100 mg/kg	Day : 5	4.7	1262	40	26.8
0152_01	100 mg/kg	Day : 19	4.9	955	47	22.9
0153_01	100 mg/kg	Day : 5	4.5	1043	49	16.5
0153_01	100 mg/kg	Day : 19	4.9	867	38	23.9
0154_01	100 mg/kg	Day : 5	4.5	1154	40	26.1
0154_01	100 mg/kg	Day : 19	4.4	816	36	48
0155_01	100 mg/kg	Day : 5	4.6	1177	48	42.1
0155_01	100 mg/kg	Day : 19	4.6	914	38	53.6

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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
0155_01	100 mg/kg	Day : 19	4.6	914	38	53.6
0156_01	100 mg/kg	Day : 5	4.5	1194	39	48.9
0156_01	100 mg/kg	Day : 19	4.6	849	38	43.3
0157_01	100 mg/kg	Day : 5	4.6	1182	39	48
0157_01	100 mg/kg	Day : 19	4.6	825	42	52.3
0158_01	100 mg/kg	Day : 5	4.5	1038	39	25.2
0158_01	100 mg/kg	Day : 19	4.6	802	37	22
0159_01	100 mg/kg	Day : 5	4.4	1063	46	20.4
0159_01	100 mg/kg	Day : 19	4.4	780	37	34.9
0160_01	100 mg/kg	Day : 5	4.6	1069	44	19.7
0160_01	100 mg/kg	Day : 19	4.5	740	35	32.9
0161_01	200 mg/kg	Day : 5	4.4	1256	35	56
0161_01	200 mg/kg	Day : 19	4.6	881	39	17.3
0162_01	200 mg/kg	Day : 5	4.4	1222	41	20.6
0162_01	200 mg/kg	Day : 19	4.5	825	41	13
0163_01	200 mg/kg	Day : 5	4.3	1151	34	14.9
0163_01	200 mg/kg	Day : 19	4.5	984	41	23.1
0164_01	200 mg/kg	Day : 5	4.5	1149	36	22
0164_01	200 mg/kg	Day : 19	4.8	960	41	20
0165_01	200 mg/kg	Day : 5	4.5	1230	47	48.1
0165_01	200 mg/kg	Day : 19	4.4	823	44	18.4
0166_01	200 mg/kg	Day : 5	4.8	1353	47	60.8

Experiment Number: 91014-01

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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
0166_01	200 mg/kg	Day : 19	4.7	962	45	16.4
0167_01	200 mg/kg	Day : 5	4.4	1197	34	30.9
0167_01	200 mg/kg	Day : 19	4.4	882	41	19.3
0168_01	200 mg/kg	Day : 5	4.7	1312	48	25.8
0168_01	200 mg/kg	Day : 19	4.7	920	62	23.5
0169_01	200 mg/kg	Day : 5	4.5	1166	38	25.4
0169_01	200 mg/kg	Day : 19	4.8	904	40	28.6
0170_01	200 mg/kg	Day : 5	4.4	1151	39	21.5
0170_01	200 mg/kg	Day : 19	4.4	830	38	22.2
0171_01	400 mg/kg	Day : 5	4.5	1089	35	106.9
0171_01	400 mg/kg	Day : 19	4.7	819	45	33.5
0172_01	400 mg/kg	Day : 5	4.4	996	37	18
0172_01	400 mg/kg	Day : 19	4.4	757	39	26.9
0173_01	400 mg/kg	Day : 5	4.5	1187	47	19.6
0173_01	400 mg/kg	Day : 19	4.4	832	43	33.3
0174_01	400 mg/kg	Day : 5	4.6	1186	41	18.3
0174_01	400 mg/kg	Day : 19	4.6	828	38	15.2
0175_01	400 mg/kg	Day : 5	4.6	1058	35	25.4
0175_01	400 mg/kg	Day : 19	4.6	812	40	23.1
0176_01	400 mg/kg	Day : 5	4.6	1118	42	69.8
0176_01	400 mg/kg	Day : 19	4.5	878	39	37.1
0177_01	400 mg/kg	Day : 5	4.5	1063	37	19.6

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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
0177_01	400 mg/kg	Day : 5	4.5	1063	37	19.6
0177_01	400 mg/kg	Day : 19	4.5	848	37	14.1
0178_01	400 mg/kg	Day : 5	4.5	1085	38	16.2
0178_01	400 mg/kg	Day : 19	4.4	796	38	23.3
0179_01	400 mg/kg	Day : 5	4.6	1152	45	19.9
0179_01	400 mg/kg	Day : 19	4.6	984	45	43.1
0180_01	400 mg/kg	Day : 5	4.7	1232	35	44.4
0180_01	400 mg/kg	Day : 19	4.5	861	40	22.8

Experiment Number: 91014-01

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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
0001_01	0 mg/kg	Day : 92	25	0.6	7	18.4
0002_01	0 mg/kg	Day : 92	23	0.7	7.1	19
0003_01	0 mg/kg	Day : 92	26	0.7	7.1	23.9
0004_01	0 mg/kg	Day : 92	24	0.6	6.9	19.6
0005_01	0 mg/kg	Day : 92	23	0.6	7.1	14.7
0006_01	0 mg/kg	Day : 92	24	0.6	7.1	25.8
0007_01	0 mg/kg	Day : 92	23	0.6	7.2	20.8
0008_01	0 mg/kg	Day : 92	23	0.6	7	22.7
0009_01	0 mg/kg	Day : 92	23	0.6	7	16.6
0010_01	0 mg/kg	Day : 92	23	0.6	6.9	19
0011_01	25 mg/kg	Day : 92	23	0.6	7.1	30
0012_01	25 mg/kg	Day : 92	21	0.6	7.1	16.6
0013_01	25 mg/kg	Day : 92	21	0.6	7	18.4
0014_01	25 mg/kg	Day : 92	24	0.6	7.3	19
0015_01	25 mg/kg	Day : 92	21	0.7	7.2	25.8
0016_01	25 mg/kg	Day : 92	21	0.6	6.7	11
0017_01	25 mg/kg	Day : 92	23	0.7	7.1	20.2
0018_01	25 mg/kg	Day : 92	23	0.6	7.1	18.4
0019_01	25 mg/kg	Day : 92	21	0.6	7	16.6
0020_01	25 mg/kg	Day : 92	17	0.5	5	14.1
0021_01	50 mg/kg	Day : 92	24	0.6	7.3	15.3
0022_01	50 mg/kg	Day : 92	22	0.6	6.9	19.6

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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
0023_01	50 mg/kg	Day : 92	23	0.6	7.2	19.6
0024_01	50 mg/kg	Day : 92	22	0.6	6.9	22.1
0025_01	50 mg/kg	Day : 92	21	0.7	7.3	61.3*
0026_01	50 mg/kg	Day : 92	23	0.6	6.8	18.4
0027_01	50 mg/kg	Day : 92	23	0.7	7.1	17.2
0028_01	50 mg/kg	Day : 92	25	0.8	7.2	28.2
0029_01	50 mg/kg	Day : 92	22	0.6	6.7	15.9
0030_01	50 mg/kg	Day : 92	22	0.6	7.2	19.6
0031_01	100 mg/kg	Day : 92	24	0.6	6.9	19
0032_01	100 mg/kg	Day : 92	22	0.6	6.9	16.6
0033_01	100 mg/kg	Day : 92	20	0.7	7.5	27.6
0034_01	100 mg/kg	Day : 92	25	0.6	7.4	17.2
0035_01	100 mg/kg	Day : 92	23	0.6	7.1	15.3
0036_01	100 mg/kg	Day : 92	23	0.6	6.5	19.6
0037_01	100 mg/kg	Day : 92	21	0.6	6.9	18.4
0038_01	100 mg/kg	Day : 92	22	0.6	7.2	17.2
0039_01	100 mg/kg	Day : 92	23	0.6	7.1	23.9
0040_01	100 mg/kg	Day : 92	22	0.7	7.5	19
0041_01	200 mg/kg	Day : 92	23	0.6	7.2	17.8
0042_01	200 mg/kg	Day : 92	21	0.6	7.1	17.8
0043_01	200 mg/kg	Day : 92	24	0.6	7	16.6
0044_01	200 mg/kg	Day : 92	22	0.6	6.7	19

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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
0045_01	200 mg/kg	Day : 92	22	0.6	7.1	19.6
0046_01	200 mg/kg	Day : 92	25	0.6	6.9	19.6
0047_01	200 mg/kg	Day : 92	23	0.6	7.1	21.5
0048_01	200 mg/kg	Day : 92	25	0.6	6.6	19
0049_01	200 mg/kg	Day : 92	23	0.6	7	14.7
0050_01	200 mg/kg	Day : 92	24	0.6	6.8	15.9
0051_01	400 mg/kg	Day : 92	23	0.6	6.6	18.4
0052_01	400 mg/kg	Day : 92	23	0.5	6.7	16.6
0053_01	400 mg/kg	Day : 92	22	0.6	6.9	13.5
0054_01	400 mg/kg	Day : 92	24	0.6	6.9	18.4
0055_01	400 mg/kg	Day : 92	25	0.6	6.9	18.4
0056_01	400 mg/kg	Day : 92	23	0.6	6.6	13.5
0057_01	400 mg/kg	Day : 92	24	0.6	6.9	16.6
0058_01	400 mg/kg	Day : 92	20	0.6	7.2	15.9
0059_01	400 mg/kg	Day : 92	23	0.6	6.7	17.2
0060_01	400 mg/kg	Day : 92	22	0.7	7.7	30
0121_01	0 mg/kg	Day : 5	20	0.7	6.1	23.9
0121_01	0 mg/kg	Day : 19	22	0.6	6.4	9.8
0122_01	0 mg/kg	Day : 5	20	0.7	6.1	20.2
0122_01	0 mg/kg	Day : 19	17	0.7	6.4	14.1
0123_01	0 mg/kg	Day : 5	21	0.6	6.1	20.8
0123_01	0 mg/kg	Day : 19	22	0.6	6.3	16.6

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:02

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 : 5	22	0.6	6.4	17.2
0124_01	0 mg/kg	Day : 19	21	0.6	6.5	14.7
0125_01	0 mg/kg	Day : 5	23	0.7	6.2	19.6
0125_01	0 mg/kg	Day : 19	21	0.7	6.5	12.3
0126_01	0 mg/kg	Day : 5	22	0.6	6.2	21.5
0126_01	0 mg/kg	Day : 19	22	0.7	6.5	19.6
0127_01	0 mg/kg	Day : 5	23	0.6	6.2	21.5
0127_01	0 mg/kg	Day : 19	21	0.6	6	11
0128_01	0 mg/kg	Day : 5	21	0.6	6	11.7
0128_01	0 mg/kg	Day : 19	21	0.7	6.2	13.5
0129_01	0 mg/kg	Day : 5	23	0.6	6.1	21.5
0129_01	0 mg/kg	Day : 19	21	0.6	6.5	10.4
0130_01	0 mg/kg	Day : 5	23	0.6	6.2	16.6
0130_01	0 mg/kg	Day : 19	20	0.6	6.3	13.5
0131_01	25 mg/kg	Day : 5	22	0.7	6	20.8
0131_01	25 mg/kg	Day : 19	18	0.6	6.6	16.6
0132_01	25 mg/kg	Day : 5	22	0.7	6.4	19
0132_01	25 mg/kg	Day : 19	23	0.7	6.4	11.7
0133_01	25 mg/kg	Day : 5	21	0.6	6.2	15.9
0133_01	25 mg/kg	Day : 19	17	0.6	6.3	19
0134_01	25 mg/kg	Day : 5	20	0.7	5.9	12.9
0134_01	25 mg/kg	Day : 19	18	0.6	5.9	8

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:02

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 : 5	23	0.7	6.2	16.6
0135_01	25 mg/kg	Day : 19	23	0.6	6.6	14.7
0136_01	25 mg/kg	Day : 5	21	0.7	6.3	17.8
0136_01	25 mg/kg	Day : 19	19	0.6	6.2	9.8
0137_01	25 mg/kg	Day : 5	23	0.8	6	19.6
0137_01	25 mg/kg	Day : 19	20	0.7	6	16.6
0138_01	25 mg/kg	Day : 5	19	0.7	6.1	17.8
0138_01	25 mg/kg	Day : 19	20	0.6	6.4	14.7
0139_01	25 mg/kg	Day : 5	22	0.7	6.3	18.4
0139_01	25 mg/kg	Day : 19	20	0.6	6.5	8
0140_01	25 mg/kg	Day : 5	24	0.6	6.1	19.6
0140_01	25 mg/kg	Day : 19	23	0.7	6.3	20.2
0141_01	50 mg/kg	Day : 5	21	0.6	6	20.8
0141_01	50 mg/kg	Day : 19	18	0.7	6.2	12.9
0142_01	50 mg/kg	Day : 5	21	0.7	6.1	18.4
0142_01	50 mg/kg	Day : 19	20	0.6	6.5	13.5
0143_01	50 mg/kg	Day : 5	23	0.6	6.1	17.8
0143_01	50 mg/kg	Day : 19	24	0.6	6.8	13.5
0144_01	50 mg/kg	Day : 5	20	0.7	6	20.2
0144_01	50 mg/kg	Day : 19	23	0.6	6.4	10.4
0145_01	50 mg/kg	Day : 5	23	0.7	6.1	17.8
0145_01	50 mg/kg	Day : 19	21	0.7	7	16.6

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:03

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 : 5	19	0.7	6.3	20.2
0146_01	50 mg/kg	Day : 19	18	0.6	6.1	11.7
0147_01	50 mg/kg	Day : 5	20	0.6	6.1	18.4
0147_01	50 mg/kg	Day : 19	22	0.6	7	19.6
0148_01	50 mg/kg	Day : 5	21	0.7	6.4	14.7
0148_01	50 mg/kg	Day : 19	19	0.6	6.3	12.3
0149_01	50 mg/kg	Day : 5	21	0.7	6.4	16.6
0149_01	50 mg/kg	Day : 19	19	0.7	6.4	12.3
0150_01	50 mg/kg	Day : 5	25	0.7	6.4	15.9
0150_01	50 mg/kg	Day : 19	21	0.6	6.5	12.3
0151_01	100 mg/kg	Day : 5	22	0.6	6.1	19.6
0151_01	100 mg/kg	Day : 19	22	0.6	6.4	12.9
0152_01	100 mg/kg	Day : 5	21	0.7	6.3	15.9
0152_01	100 mg/kg	Day : 19	23	0.7	6.6	18.4
0153_01	100 mg/kg	Day : 5	22	0.7	6.2	19.6
0153_01	100 mg/kg	Day : 19	20	0.6	6.7	13.5
0154_01	100 mg/kg	Day : 5	22	0.6	6.1	14.1
0154_01	100 mg/kg	Day : 19	18	0.6	6	11
0155_01	100 mg/kg	Day : 5	20	0.7	6.3	24.5
0155_01	100 mg/kg	Day : 19	20	0.6	6.4	12.3
0156_01	100 mg/kg	Day : 5	24	0.6	6.2	20.2
0156_01	100 mg/kg	Day : 19	22	0.7	6.2	12.9

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:03

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 : 5	22	0.7	6.3	19.6
0157_01	100 mg/kg	Day : 19	24	0.6	6.3	17.2
0158_01	100 mg/kg	Day : 5	19	0.6	6.2	19
0158_01	100 mg/kg	Day : 19	21	0.6	6.3	12.3
0159_01	100 mg/kg	Day : 5	21	0.7	6	16.6
0159_01	100 mg/kg	Day : 19	22	0.7	6.2	11
0160_01	100 mg/kg	Day : 5	21	0.7	6.4	12.3
0160_01	100 mg/kg	Day : 19	19	0.7	6.1	8.6
0161_01	200 mg/kg	Day : 5	20	0.6	6	12.9
0161_01	200 mg/kg	Day : 19	21	0.6	6.4	9.8
0162_01	200 mg/kg	Day : 5	20	0.7	6	15.3
0162_01	200 mg/kg	Day : 19	19	0.7	6.3	12.3
0163_01	200 mg/kg	Day : 5	21	0.8	5.9	20.2
0163_01	200 mg/kg	Day : 19	23	0.6	6.3	9.2
0164_01	200 mg/kg	Day : 5	23	0.7	6.2	15.3
0164_01	200 mg/kg	Day : 19	24	0.7	6.5	14.7
0165_01	200 mg/kg	Day : 5	20	0.7	6.2	18.4
0165_01	200 mg/kg	Day : 19	21	0.6	6.1	14.1
0166_01	200 mg/kg	Day : 5	25	0.6	6.5	20.8
0166_01	200 mg/kg	Day : 19	25	0.6	6.5	16.6
0167_01	200 mg/kg	Day : 5	22	0.7	6	16.6
0167_01	200 mg/kg	Day : 19	21	0.6	6.1	16.6

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:03

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 : 5	24	0.7	6.4	17.2
0168_01	200 mg/kg	Day : 19	23	0.7	6.4	22.1
0169_01	200 mg/kg	Day : 5	24	0.7	6.1	16.6
0169_01	200 mg/kg	Day : 19	24	0.6	6.5	15.9
0170_01	200 mg/kg	Day : 5	22	0.6	6	14.1
0170_01	200 mg/kg	Day : 19	20	0.6	6.1	9.2
0171_01	400 mg/kg	Day : 5	21	0.7	6.2	19.6
0171_01	400 mg/kg	Day : 19	20	0.7	6.5	17.8
0172_01	400 mg/kg	Day : 5	21	0.7	6.1	15.9
0172_01	400 mg/kg	Day : 19	17	0.6	6.1	13.5
0173_01	400 mg/kg	Day : 5	21	0.7	6.6	17.8
0173_01	400 mg/kg	Day : 19	20	0.6	6.1	12.3
0174_01	400 mg/kg	Day : 5	20	0.6	6.3	15.3
0174_01	400 mg/kg	Day : 19	20	0.6	6.3	9.8
0175_01	400 mg/kg	Day : 5	21	0.6	6.4	14.7
0175_01	400 mg/kg	Day : 19	18	0.6	6.3	12.3
0176_01	400 mg/kg	Day : 5	22	0.6	6.2	16.6
0176_01	400 mg/kg	Day : 19	21	0.6	6.2	12.9
0177_01	400 mg/kg	Day : 5	23	0.6	6.3	17.2
0177_01	400 mg/kg	Day : 19	21	0.6	6.1	8
0178_01	400 mg/kg	Day : 5	23	0.7	6.2	12.9
0178_01	400 mg/kg	Day : 19	19	0.6	6	13.5

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:03

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 : 5	25	0.6	6.3	17.8
0179_01	400 mg/kg	Day : 19	21	0.7	6.4	17.2
0180_01	400 mg/kg	Day : 5	22	0.6	6.4	15.3
0180_01	400 mg/kg	Day : 19	20	0.6	6.2	11.7

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
0061_01	0 mg/kg	Day : 92	5	484	49	20.5
0062_01	0 mg/kg	Day : 92	4.7	560	36	34.7
0063_01	0 mg/kg	Day : 92	4.8	537	36	29
0064_01	0 mg/kg	Day : 92	5.2	492	57	32.6
0065_01	0 mg/kg	Day : 92	5.2	505	54	33.2
0066_01	0 mg/kg	Day : 92	5.1	501	52	23.6
0067_01	0 mg/kg	Day : 92	4.6	535	36	35.5
0068_01	0 mg/kg	Day : 92	5.2	659	40	17.7
0069_01	0 mg/kg	Day : 92	5.1	490	54	33.4
0070_01	0 mg/kg	Day : 92	4.8	525	40	24.8
0071_01	25 mg/kg	Day : 92	5	554	40	18.3
0072_01	25 mg/kg	Day : 92	5.3	544	43	22.3
0073_01	25 mg/kg	Day : 92	5.1	499	38	27.6
0074_01	25 mg/kg	Day : 92	4.8	509	50	20.9
0075_01	25 mg/kg	Day : 92	4.8	551	38	26.2
0076_01	25 mg/kg	Day : 92	4.5	557	45	62.3
0077_01	25 mg/kg	Day : 92	4.4	505	44	30
0078_01	25 mg/kg	Day : 92	4.8	574	46	16.5
0079_01	25 mg/kg	Day : 92	5.2	546	41	30.4
0080_01	25 mg/kg	Day : 92	5.3	435	39	33
0081_01	50 mg/kg	Day : 92	4.8	505	45	22.7
0082_01	50 mg/kg	Day : 92	5	479	42	27.6

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 : 92	5.1	492	43	28
0084_01	50 mg/kg	Day : 92	5	484	39	36.7
0085_01	50 mg/kg	Day : 92	5.3	533	54	31.2
0086_01	50 mg/kg	Day : 92	5.3	556	40	34.2
0087_01	50 mg/kg	Day : 92	5	536	45	39.1
0088_01	50 mg/kg	Day : 92	5.5	564	39	26
0089_01	50 mg/kg	Day : 92	5	511	50	21.7
0090_01	50 mg/kg	Day : 92	4.9	509	43	24
0091_01	100 mg/kg	Day : 92	5.2	539	43	25.8
0092_01	100 mg/kg	Day : 92	4.9	656	42	39.5
0093_01	100 mg/kg	Day : 92	4.9	536	43	16.1
0094_01	100 mg/kg	Day : 92	4.9	511	46	25.8
0095_01	100 mg/kg	Day : 92	5.3	540	51	18.3
0096_01	100 mg/kg	Day : 92	5	557	50	18.1
0097_01	100 mg/kg	Day : 92	4.8	621	47	24
0098_01	100 mg/kg	Day : 92	5.3	519	37	23.6
0099_01	100 mg/kg	Day : 92	5.1	541	46	23
0100_01	100 mg/kg	Day : 92	5.2	521	44	36.1
0101_01	200 mg/kg	Day : 92	4.6	640	50	27.8
0102_01	200 mg/kg	Day : 92	4.4	565	38	20.9
0103_01	200 mg/kg	Day : 92	5	590	52	15.5
0104_01	200 mg/kg	Day : 92	4.8	498	52	22.1

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:03

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 : 92	4.8	498	52	22.1
0105_01	200 mg/kg	Day : 92	5.1	538	60	24.6
0106_01	200 mg/kg	Day : 92	5	662	46	23.2
0107_01	200 mg/kg	Day : 92	5.1	660	56	14.9
0108_01	200 mg/kg	Day : 92	5	593	43	18.9
0109_01	200 mg/kg	Day : 92	5.1	550	43	68.5
0110_01	200 mg/kg	Day : 92	4.9	540	50	24.8
0111_01	400 mg/kg	Day : 92	5	617	46	29.2
0112_01	400 mg/kg	Day : 92	5	637	62	27
0113_01	400 mg/kg	Day : 92	4.4	749	55	18.7
0114_01	400 mg/kg	Day : 92	4.8	631	48	30.6
0115_01	400 mg/kg	Day : 92	5	591	39	35.9
0116_01	400 mg/kg	Day : 92	5.2	552	50	17.5
0117_01	400 mg/kg	Day : 92	5.1	804	51	19.1
0118_01	400 mg/kg	Day : 92	4.7	474	66	28.2
0119_01	400 mg/kg	Day : 92	5.1	637	51	24.6
0120_01	400 mg/kg	Day : 92	5.1	616	44	25.6
0181_01	0 mg/kg	Day : 5	4.2	922	31	43.5
0181_01	0 mg/kg	Day : 19	4.6	869	35	15
0182_01	0 mg/kg	Day : 5	4.3	917	33	10.7
0182_01	0 mg/kg	Day : 19	4.3	855	32	48.6
0183_01	0 mg/kg	Day : 5	4.3	860	34	49

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 : 19	4.6	808	31	33.5
0184_01	0 mg/kg	Day : 5	4.4	972	34	36.1
0184_01	0 mg/kg	Day : 19	4.3	782	36	22.4
0185_01	0 mg/kg	Day : 5	4.3	1055	33	22.4
0185_01	0 mg/kg	Day : 19	4.3	793	34	15.6
0186_01	0 mg/kg	Day : 5	4.3	980	31	26.7
0186_01	0 mg/kg	Day : 19	4.4	862	33	56.2
0187_01	0 mg/kg	Day : 5	4.4	840	38	19.3
0187_01	0 mg/kg	Day : 19	4.5	734	33	17.9
0188_01	0 mg/kg	Day : 5	4.5	1023	39	27.1
0188_01	0 mg/kg	Day : 19	4.6	846	33	43.7
0189_01	0 mg/kg	Day : 5	4.4	793	32	34.2
0189_01	0 mg/kg	Day : 19	4.4	663	27	16.3
0190_01	0 mg/kg	Day : 5	4.4	944	31	51.1
0190_01	0 mg/kg	Day : 19	4.5	811	31	60.5
0191_01	25 mg/kg	Day : 5	4.2	1042	34	36
0191_01	25 mg/kg	Day : 19	4.5	858	36	23
0192_01	25 mg/kg	Day : 5	4.4	1159	36	17.7
0192_01	25 mg/kg	Day : 19	4.3	991	37	26.7
0193_01	25 mg/kg	Day : 5	4.5	931	35	34.4
0193_01	25 mg/kg	Day : 19	4.6	774	35	80.8
0194_01	25 mg/kg	Day : 5	4.5	886	33	31.3

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
0194_01	25 mg/kg	Day : 5	4.5	886	33	31.3
0194_01	25 mg/kg	Day : 19	4.5	820	30	42.9
0195_01	25 mg/kg	Day : 5	4.3	912	32	42.1
0195_01	25 mg/kg	Day : 19	4.2	701	28	40.8
0196_01	25 mg/kg	Day : 5	4.1	1013	33	26.2
0196_01	25 mg/kg	Day : 19	4.5	904	38	24
0197_01	25 mg/kg	Day : 5	4.3	941	34	42.4
0197_01	25 mg/kg	Day : 19	4.4	822	41	28.7
0198_01	25 mg/kg	Day : 5	4.3	988	40	36.3
0198_01	25 mg/kg	Day : 19	4.5	758	35	40
0199_01	25 mg/kg	Day : 5	4.4	1019	38	23.4
0199_01	25 mg/kg	Day : 19	4.4	784	35	42.5
0200_01	25 mg/kg	Day : 5	4.4	900	32	46.6
0200_01	25 mg/kg	Day : 19	4.6	796	30	52.1
0201_01	50 mg/kg	Day : 5	4.2	771	29	14
0201_01	50 mg/kg	Day : 19	4.6	725	35	17.9
0202_01	50 mg/kg	Day : 5	4.4	1088	31	14.7
0202_01	50 mg/kg	Day : 19	4.3	821	35	38.6
0203_01	50 mg/kg	Day : 5	4.4	1036	35	18.9
0203_01	50 mg/kg	Day : 19	4.2	785	30	25.5
0204_01	50 mg/kg	Day : 5	4.6	1089	33	49.2
0204_01	50 mg/kg	Day : 19				

Experiment Number: 91014-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:46:03

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 : 5	4.3	1034	40	15.3
0205_01	50 mg/kg	Day : 19	4.5	858	38	20.2
0206_01	50 mg/kg	Day : 5	4.1	844	36	44.3
0206_01	50 mg/kg	Day : 19	4.6	776	36	46.4
0207_01	50 mg/kg	Day : 5	4.4	987	36	51.5
0207_01	50 mg/kg	Day : 19	4.3	732	35	63.8
0208_01	50 mg/kg	Day : 5	4.5	1044	30	16.5
0208_01	50 mg/kg	Day : 19	4.6	826	34	29.4
0209_01	50 mg/kg	Day : 5	4.4	849	33	17.7
0209_01	50 mg/kg	Day : 19	4.5	791	31	16.7
0210_01	50 mg/kg	Day : 5	4.4	987	41	38.4
0210_01	50 mg/kg	Day : 19	4.4	762	34	36.1
0211_01	100 mg/kg	Day : 5	4.2	898	33	28.5
0211_01	100 mg/kg	Day : 19	4.5	813	42	32.6
0212_01	100 mg/kg	Day : 5	4.4	925	39	22.9
0212_01	100 mg/kg	Day : 19	4.5	770	33	29.6
0213_01	100 mg/kg	Day : 5	4.4	932	40	33.2
0213_01	100 mg/kg	Day : 19	4.6	833	36	67.9
0214_01	100 mg/kg	Day : 5	4.2	874	30	22.4
0214_01	100 mg/kg	Day : 19	4.5	762	36	37.1
0215_01	100 mg/kg	Day : 5	4.42	985	33	22.7
0215_01	100 mg/kg	Day : 19	4.3	850	40	19.9

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
0215_01	100 mg/kg	Day : 19	4.3	850	40	19.9
0216_01	100 mg/kg	Day : 5	4.4	1119	36	25.9
0216_01	100 mg/kg	Day : 19	4.4	881	32	20.8
0217_01	100 mg/kg	Day : 5	4.2	1015	35	19.3
0217_01	100 mg/kg	Day : 19	4.6	875	37	37.3
0218_01	100 mg/kg	Day : 5	4.5	1007	43	14.2
0218_01	100 mg/kg	Day : 19	4.7	985	36	12.8
0219_01	100 mg/kg	Day : 5	4.5	930	30	20
0219_01	100 mg/kg	Day : 19	4.7	751	29	101.4
0220_01	100 mg/kg	Day : 5	4.2	973	33	57.7
0220_01	100 mg/kg	Day : 19	4.3	712	31	36.1
0221_01	200 mg/kg	Day : 5	4.4	1025	39	36.5
0221_01	200 mg/kg	Day : 19	4.4	890	35	49.2
0222_01	200 mg/kg	Day : 5	4.5	929	33	18.2
0222_01	200 mg/kg	Day : 19	4.5	777	33	60.1
0223_01	200 mg/kg	Day : 5	4.6	998	35	13.2
0223_01	200 mg/kg	Day : 19	4.9	770	37	69.3
0224_01	200 mg/kg	Day : 5	4.4	1026	37	25.4
0224_01	200 mg/kg	Day : 19	4.6	789	43	45.3
0225_01	200 mg/kg	Day : 5	4.4	843	30	38.2
0225_01	200 mg/kg	Day : 19	4.3	713	36	18.7
0226_01	200 mg/kg	Day : 5	4.2	895	34	19.3

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
0226_01	200 mg/kg	Day : 19	4.7	765	37	25.1
0227_01	200 mg/kg	Day : 5	4.2	934	34	21.9
0227_01	200 mg/kg	Day : 19	4.6	785	40	19.9
0228_01	200 mg/kg	Day : 5	4.5	848	37	41
0228_01	200 mg/kg	Day : 19	4.2	734	33	58.9
0229_01	200 mg/kg	Day : 5	4.5	912	39	27.3
0229_01	200 mg/kg	Day : 19	4.4	787	35	28.1
0230_01	200 mg/kg	Day : 5	4.5	940	36	17
0230_01	200 mg/kg	Day : 19	4.7	848	42	29.4
0231_01	400 mg/kg	Day : 5	4.2	956	33	46.6
0231_01	400 mg/kg	Day : 19	4.9	926	43	22.8
0232_01	400 mg/kg	Day : 5	4.1	942	38	12.5
0232_01	400 mg/kg	Day : 19	4.4	829	44	15.6
0233_01	400 mg/kg	Day : 5	4.4	987	42	25.5
0233_01	400 mg/kg	Day : 19	4.3	861	39	25.9
0234_01	400 mg/kg	Day : 5	4.1	1067	35	38.2
0234_01	400 mg/kg	Day : 19	4.5	1072	42	16.7
0235_01	400 mg/kg	Day : 5	4.3	933	45	18.6
0235_01	400 mg/kg	Day : 19	4.7	898	38	19.7
0236_01	400 mg/kg	Day : 5	4	957	32	29
0236_01	400 mg/kg	Day : 19	4.4	963	40	23.2
0237_01	400 mg/kg	Day : 5	4.5	822	29	18

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:03

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 : 5	4.5	822	29	18
0237_01	400 mg/kg	Day : 19	4.7	776	36	28.5
0238_01	400 mg/kg	Day : 5	3.9	935	34	54.6
0238_01	400 mg/kg	Day : 19	4.5	886	36	73.8
0239_01	400 mg/kg	Day : 5	4.3	1003	36	20.8
0239_01	400 mg/kg	Day : 19	4.3	871	36	43.5
0240_01	400 mg/kg	Day : 5	4.4	871	36	13.9
0240_01	400 mg/kg	Day : 19	4.9	787	36	17.1

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:03

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 : 92	24	0.7	7.1	17.8
0062_01	0 mg/kg	Day : 92	24	0.7	6.9	21.5
0063_01	0 mg/kg	Day : 92	25	0.6	6.7	16.6
0064_01	0 mg/kg	Day : 92	25	0.7	7.2	22.1
0065_01	0 mg/kg	Day : 92	24	0.7	7.3	25.1
0066_01	0 mg/kg	Day : 92	22	0.6	7.2	18.4
0067_01	0 mg/kg	Day : 92	27	0.7	6.8	20.8
0068_01	0 mg/kg	Day : 92	26	0.8	7.4	28.2
0069_01	0 mg/kg	Day : 92	25	0.7	7.2	23.3
0070_01	0 mg/kg	Day : 92	24	0.6	6.8	14.7
0071_01	25 mg/kg	Day : 92	22	0.6	7	14.7
0072_01	25 mg/kg	Day : 92	25	0.7	7.5	13.5
0073_01	25 mg/kg	Day : 92	23	0.7	6.9	13.5
0074_01	25 mg/kg	Day : 92	27	0.7	6.8	20.2
0075_01	25 mg/kg	Day : 92	26	0.6	6.7	17.2
0076_01	25 mg/kg	Day : 92	26	0.7	6.3	18.4
0077_01	25 mg/kg	Day : 92	25	0.7	6.4	15.3
0078_01	25 mg/kg	Day : 92	22	0.6	6.9	17.2
0079_01	25 mg/kg	Day : 92	25	0.7	7.3	15.3
0080_01	25 mg/kg	Day : 92	24	0.7	7.3	20.8
0081_01	50 mg/kg	Day : 92	24	0.6	6.7	12.9
0082_01	50 mg/kg	Day : 92	22	0.6	6.9	20.2

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:04

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 : 92	27	0.6	6.9	15.9
0084_01	50 mg/kg	Day : 92	21	0.6	7	17.8
0085_01	50 mg/kg	Day : 92	26	0.7	7.3	16.6
0086_01	50 mg/kg	Day : 92	27	0.7	7.3	16.6
0087_01	50 mg/kg	Day : 92	25	0.7	6.9	14.7
0088_01	50 mg/kg	Day : 92	27	0.7	7.6	15.9
0089_01	50 mg/kg	Day : 92	28	0.6	6.9	22.1
0090_01	50 mg/kg	Day : 92	26	0.6	6.9	18.4
0091_01	100 mg/kg	Day : 92	27	0.7	7.3	17.2
0092_01	100 mg/kg	Day : 92	25	0.7	6.8	17.2
0093_01	100 mg/kg	Day : 92	21	0.7	6.9	24.5
0094_01	100 mg/kg	Day : 92	26	0.6	6.8	16.6
0095_01	100 mg/kg	Day : 92	28	0.7	7.4	20.2
0096_01	100 mg/kg	Day : 92	25	0.7	7.3	19.6
0097_01	100 mg/kg	Day : 92	25	0.6	7	20.2
0098_01	100 mg/kg	Day : 92	28	0.7	7.5	17.2
0099_01	100 mg/kg	Day : 92	25	0.7	7.1	15.3
0100_01	100 mg/kg	Day : 92	27	0.6	7.3	14.1
0101_01	200 mg/kg	Day : 92	29	0.6	6.4	12.3
0102_01	200 mg/kg	Day : 92	23	0.6	6.3	19
0103_01	200 mg/kg	Day : 92	29	0.6	6.9	17.8
0104_01	200 mg/kg	Day : 92	26	0.7	6.8	17.2

Experiment Number: 91014-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:46:04

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 : 92	27	0.7	7.4	16.6
0106_01	200 mg/kg	Day : 92	22	0.6	7	21.5
0107_01	200 mg/kg	Day : 92	27	0.6	7.1	15.3
0108_01	200 mg/kg	Day : 92	25	0.7	7.1	12.9
0109_01	200 mg/kg	Day : 92	23	0.6	7.2	12.9
0110_01	200 mg/kg	Day : 92	29	0.7	7	15.3
0111_01	400 mg/kg	Day : 92	27	0.7	7.1	28.8
0112_01	400 mg/kg	Day : 92	27	0.7	7	18.4
0113_01	400 mg/kg	Day : 92	27	0.6	6.5	15.3
0114_01	400 mg/kg	Day : 92	27	0.7	6.7	20.2
0115_01	400 mg/kg	Day : 92	25	0.6	7.1	9.2
0116_01	400 mg/kg	Day : 92	26	0.6	7.5	17.8
0117_01	400 mg/kg	Day : 92	24	0.7	7	17.2
0118_01	400 mg/kg	Day : 92	23	0.6	6.8	22.7
0119_01	400 mg/kg	Day : 92	24	0.7	7.4	17.8
0120_01	400 mg/kg	Day : 92	25	0.7	7.4	14.7
0181_01	0 mg/kg	Day : 5	23	0.6	5.7	18.4
0181_01	0 mg/kg	Day : 19	23	0.7	6.2	17.8
0182_01	0 mg/kg	Day : 5	23	0.7	5.7	25.8
0182_01	0 mg/kg	Day : 19	23	0.7	5.8	15.3
0183_01	0 mg/kg	Day : 5	24	0.7	5.8	19
0183_01	0 mg/kg	Day : 19	21	0.7	6.3	16.6

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:04

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 : 5	23	0.7	5.9	22.1
0184_01	0 mg/kg	Day : 19	25	0.7	5.9	14.7
0185_01	0 mg/kg	Day : 5	22	0.7	5.8	20.2
0185_01	0 mg/kg	Day : 19	23	0.7	5.9	15.3
0186_01	0 mg/kg	Day : 5	24	0.7	5.8	23.9
0186_01	0 mg/kg	Day : 19	22	0.6	6.2	12.3
0187_01	0 mg/kg	Day : 5	27	0.7	5.9	27.6
0187_01	0 mg/kg	Day : 19	22	0.7	6.2	14.1
0188_01	0 mg/kg	Day : 5	23	0.7	6.1	27.6
0188_01	0 mg/kg	Day : 19	20	0.7	6.2	17.8
0189_01	0 mg/kg	Day : 5	28	0.8	5.8	22.7
0189_01	0 mg/kg	Day : 19	20	0.6	6	15.3
0190_01	0 mg/kg	Day : 5	25	0.7	5.9	25.8
0190_01	0 mg/kg	Day : 19	21	0.7	6.1	17.2
0191_01	25 mg/kg	Day : 5	23	0.6	5.5	22.1
0191_01	25 mg/kg	Day : 19	22	0.7	6	19
0192_01	25 mg/kg	Day : 5	24	0.7	6	22.1
0192_01	25 mg/kg	Day : 19	22	0.7	5.9	17.2
0193_01	25 mg/kg	Day : 5	25	0.7	6	20.8
0193_01	25 mg/kg	Day : 19	23	0.7	6.2	13.5
0194_01	25 mg/kg	Day : 5	21	0.7	6	18.4
0194_01	25 mg/kg	Day : 19	21	0.7	6.1	14.1

Experiment Number: 91014-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 01:46:04

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
0195_01	25 mg/kg	Day : 5	26	0.7	5.8	19
0195_01	25 mg/kg	Day : 19	23	0.7	5.6	12.3
0196_01	25 mg/kg	Day : 5	23	0.6	5.5	19
0196_01	25 mg/kg	Day : 19	20	0.6	6.1	15.9
0197_01	25 mg/kg	Day : 5	24	0.7	5.8	16.6
0197_01	25 mg/kg	Day : 19	22	0.6	6	22.7
0198_01	25 mg/kg	Day : 5	24	0.7	5.8	18.4
0198_01	25 mg/kg	Day : 19	21	0.7	6.1	13.5
0199_01	25 mg/kg	Day : 5	28	0.6	5.9	20.2
0199_01	25 mg/kg	Day : 19	27	0.7	5.8	17.8
0200_01	25 mg/kg	Day : 5	27	0.6	5.9	19.6
0200_01	25 mg/kg	Day : 19	23	0.7	6.2	13.5
0201_01	50 mg/kg	Day : 5	20	0.7	5.6	12.3
0201_01	50 mg/kg	Day : 19	22	0.7	6.2	14.1
0202_01	50 mg/kg	Day : 5	26	0.7	6.1	17.8
0202_01	50 mg/kg	Day : 19	23	0.7	5.9	16.6
0203_01	50 mg/kg	Day : 5	27	0.7	5.8	22.1
0203_01	50 mg/kg	Day : 19	22	0.7	5.5	14.7
0204_01	50 mg/kg	Day : 5	26	0.7	6.5	19
0204_01	50 mg/kg	Day : 19				11.7
0205_01	50 mg/kg	Day : 5	24	0.7	5.7	17.8
0205_01	50 mg/kg	Day : 19	23	0.7	5.9	16.6

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 : 5	21	0.7	5.5	17.8
0206_01	50 mg/kg	Day : 19	20	0.7	6.2	19
0207_01	50 mg/kg	Day : 5	25	0.8	5.8	19
0207_01	50 mg/kg	Day : 19	23	0.8	5.7	13.5
0208_01	50 mg/kg	Day : 5	25	0.7	6	18.4
0208_01	50 mg/kg	Day : 19	22	0.7	6.2	15.3
0209_01	50 mg/kg	Day : 5	19	0.7	5.9	19
0209_01	50 mg/kg	Day : 19	22	0.7	6.1	18.4
0210_01	50 mg/kg	Day : 5	25	0.6	5.9	19.6
0210_01	50 mg/kg	Day : 19	21	0.6	5.9	15.9
0211_01	100 mg/kg	Day : 5	21	0.6	5.6	17.2
0211_01	100 mg/kg	Day : 19	20	0.6	6.3	19.6
0212_01	100 mg/kg	Day : 5	24	0.7	5.8	20.8
0212_01	100 mg/kg	Day : 19	20	0.7	6.1	11
0213_01	100 mg/kg	Day : 5	27	0.7	5.9	23.3
0213_01	100 mg/kg	Day : 19	22	0.7	6.2	15.9
0214_01	100 mg/kg	Day : 5	21	0.7	5.6	22.7
0214_01	100 mg/kg	Day : 19	21	0.6	6	18.4
0215_01	100 mg/kg	Day : 5	25	0.7	5.7	24.5
0215_01	100 mg/kg	Day : 19	26	0.6	5.8	17.8
0216_01	100 mg/kg	Day : 5	24	0.7	5.9	27.6
0216_01	100 mg/kg	Day : 19	21	0.7	6	20.2

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:04

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 : 5	20	0.7	5.6	17.8
0217_01	100 mg/kg	Day : 19	21	0.7	6.3	19
0218_01	100 mg/kg	Day : 5	23	0.7	6.1	18.4
0218_01	100 mg/kg	Day : 19	24	0.7	6.4	17.8
0219_01	100 mg/kg	Day : 5	21	0.7	6.1	19
0219_01	100 mg/kg	Day : 19	22	0.7	6.3	14.1
0220_01	100 mg/kg	Day : 5	20	0.6	5.6	19
0220_01	100 mg/kg	Day : 19	21	0.7	5.8	14.1
0221_01	200 mg/kg	Day : 5	23	0.7	5.8	23.3
0221_01	200 mg/kg	Day : 19	22	0.6	6	16.6
0222_01	200 mg/kg	Day : 5	23	0.7	6	18.4
0222_01	200 mg/kg	Day : 19	21	0.7	6.1	14.1
0223_01	200 mg/kg	Day : 5	24	0.7	6.3	20.2
0223_01	200 mg/kg	Day : 19	20	0.7	6.6	14.7
0224_01	200 mg/kg	Day : 5	23	0.6	5.8	22.1
0224_01	200 mg/kg	Day : 19	21	0.7	6.2	18.4
0225_01	200 mg/kg	Day : 5	22	0.8	5.8	17.8
0225_01	200 mg/kg	Day : 19	22	0.7	5.8	12.3
0226_01	200 mg/kg	Day : 5	25	0.6	5.5	16.6
0226_01	200 mg/kg	Day : 19	22	0.7	6.4	17.8
0227_01	200 mg/kg	Day : 5	23	0.7	5.7	17.2
0227_01	200 mg/kg	Day : 19	21	0.7	6.1	28.2

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:04

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 : 5	30	0.7	6	19
0228_01	200 mg/kg	Day : 19	22	0.6	5.6	14.7
0229_01	200 mg/kg	Day : 5	28	0.7	5.9	20.8
0229_01	200 mg/kg	Day : 19	21	0.6	5.9	16.6
0230_01	200 mg/kg	Day : 5	24	0.7	5.9	21.5
0230_01	200 mg/kg	Day : 19	23	0.7	6.3	20.8
0231_01	400 mg/kg	Day : 5	20	0.5	5.7	13.5
0231_01	400 mg/kg	Day : 19	22	0.7	6.5	20.2
0232_01	400 mg/kg	Day : 5	20	0.6	5.7	13.5
0232_01	400 mg/kg	Day : 19	21	0.7	5.8	17.8
0233_01	400 mg/kg	Day : 5	28	0.6	5.9	23.3
0233_01	400 mg/kg	Day : 19	21	0.6	5.8	15.3
0234_01	400 mg/kg	Day : 5	23	0.7	5.4	20.2
0234_01	400 mg/kg	Day : 19	23	0.7	5.9	15.9
0235_01	400 mg/kg	Day : 5	21	0.6	6.3	18.4
0235_01	400 mg/kg	Day : 19	21	0.6	6.5	16.6
0236_01	400 mg/kg	Day : 5	26	0.7	5.6	16.6
0236_01	400 mg/kg	Day : 19	25	0.7	5.7	19.6
0237_01	400 mg/kg	Day : 5	22	0.7	6	17.2
0237_01	400 mg/kg	Day : 19	22	0.6	6.4	13.5
0238_01	400 mg/kg	Day : 5	20	0.6	5.5	11.7
0238_01	400 mg/kg	Day : 19	20	0.7	6.3	15.3

Experiment Number: 91014-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 01:46:04

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 : 5	23	0.6	6.1	18.4
0239_01	400 mg/kg	Day : 19	23	0.5	5.7	11
0240_01	400 mg/kg	Day : 5	24	0.7	6	16.6
0240_01	400 mg/kg	Day : 19	20	0.7	6.5	21.5

** END OF REPORT **