

**Experiment Number:** 99037-98

**Species/Strain:** Rat/Fischer 344

**P42: Clinical Chemistry Data**

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 05:08:57

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C99037B

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:57

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
0121_98	0 mg/kg	Day : 4	4.1	595	47	24.6
0121_98	0 mg/kg	Day : 25	4.1	375	55	26.3
0122_98	0 mg/kg	Day : 4	4.0	694	50	30.0
0122_98	0 mg/kg	Day : 25	4.3	392	61	17.8
0123_98	0 mg/kg	Day : 4	4.2	660	52	20.0
0123_98	0 mg/kg	Day : 25	4.3	417	67	15.9
0124_98	0 mg/kg	Day : 4	4.1	657	54	19.1
0124_98	0 mg/kg	Day : 25	4.4	412	61	19.3
0125_98	0 mg/kg	Day : 4	4.0	602	48	26.6
0125_98	0 mg/kg	Day : 25	4.3	409	63	23.6
0126_98	0 mg/kg	Day : 4	4.2	593	50	29.1
0126_98	0 mg/kg	Day : 25	4.2	377	59	25.2
0127_98	0 mg/kg	Day : 4	4.2	722	62	26.5
0127_98	0 mg/kg	Day : 25	4.3	378	61	35.1
0128_98	0 mg/kg	Day : 4	4.3	611	54	17.9
0128_98	0 mg/kg	Day : 25	4.5	399	67	21.8
0129_98	0 mg/kg	Day : 4	4.1	611	52	34.1
0129_98	0 mg/kg	Day : 25	4.3	419	69	28.8
0130_98	0 mg/kg	Day : 4	4.0	655	61	29.4
0130_98	0 mg/kg	Day : 25	4.3	422	58	38.9
0131_98	12.5 mg/kg	Day : 4	4.0	620	48	24.3
0131_98	12.5 mg/kg	Day : 25	4.3	388	49	30.8

## 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
0132_98	12.5 mg/kg	Day : 4	4.2	608	58	21.8
0132_98	12.5 mg/kg	Day : 25	4.2	378	53	29.2
0133_98	12.5 mg/kg	Day : 4	4.0	620	54	17.6
0133_98	12.5 mg/kg	Day : 25	4.3	421	61	18.8
0134_98	12.5 mg/kg	Day : 4	4.1	579	52	20.2
0134_98	12.5 mg/kg	Day : 25	4.1	367	54	19.0
0135_98	12.5 mg/kg	Day : 4	4.0	633	60	25.2
0135_98	12.5 mg/kg	Day : 25	4.3	384	56	19.4
0136_98	12.5 mg/kg	Day : 4	4.1	617	52	27.9
0136_98	12.5 mg/kg	Day : 25	4.2	381	53	28.3
0137_98	12.5 mg/kg	Day : 4	4.2	629	63	19.1
0137_98	12.5 mg/kg	Day : 25	4.1	377	60	16.6
0138_98	12.5 mg/kg	Day : 4	4.3	639	61	27.3
0138_98	12.5 mg/kg	Day : 25	4.3	388	53	25.8
0139_98	12.5 mg/kg	Day : 4	4.2	641	53	24.8
0139_98	12.5 mg/kg	Day : 25	4.2	409	57	24.3
0140_98	12.5 mg/kg	Day : 4	4.0	637	58	28.8
0140_98	12.5 mg/kg	Day : 25	4.2	404	56	21.0
0141_98	25 mg/kg	Day : 4	4.0	656	46	19.1
0141_98	25 mg/kg	Day : 25	4.3	389	56	30.7
0142_98	25 mg/kg	Day : 4	4.1	668	55	20.6
0142_98	25 mg/kg	Day : 25	4.3	388	59	19.5

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

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
0142_98	25 mg/kg	Day : 25	4.3	388	59	19.5
0143_98	25 mg/kg	Day : 4	4.1	659	59	20.1
0143_98	25 mg/kg	Day : 25	4.4	411	61	18.7
0144_98	25 mg/kg	Day : 4	4.1	583	57	19.5
0144_98	25 mg/kg	Day : 25	4.4	390	69	27.0
0145_98	25 mg/kg	Day : 4	4.2	623	61	20.1
0145_98	25 mg/kg	Day : 25	4.4	418	70	21.8
0146_98	25 mg/kg	Day : 4	4.1	608	53	23.8
0146_98	25 mg/kg	Day : 25	4.2	384	55	31.9
0147_98	25 mg/kg	Day : 4	4.2	581	54	19.9
0147_98	25 mg/kg	Day : 25	4.3	372	52	20.9
0148_98	25 mg/kg	Day : 4	4.2	630	54	19.2
0148_98	25 mg/kg	Day : 25	4.2	405	58	24.3
0149_98	25 mg/kg	Day : 4	4.4	607	68	25.1
0149_98	25 mg/kg	Day : 25	4.3	406	57	25.3
0150_98	25 mg/kg	Day : 4	4.2	605	58	22.0
0150_98	25 mg/kg	Day : 25	4.2	430	59	31.5
0151_98	50 mg/kg	Day : 4	4.0	591	49	20.9
0151_98	50 mg/kg	Day : 25	4.3	415	59	16.6
0152_98	50 mg/kg	Day : 4	4.3	626	57	30.5
0152_98	50 mg/kg	Day : 25	4.4	377	65	30.1
0153_98	50 mg/kg	Day : 4	4.3	611	54	30.7

## 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
0153_98	50 mg/kg	Day : 25	4.3	411	57	26.3
0154_98	50 mg/kg	Day : 4	4.2	618	60	21.5
0154_98	50 mg/kg	Day : 25	4.3	386	56	24.1
0155_98	50 mg/kg	Day : 4	4.1	631	53	26.5
0155_98	50 mg/kg	Day : 25	4.3	398	54	29.5
0156_98	50 mg/kg	Day : 4	4.0	603	54	34.3
0156_98	50 mg/kg	Day : 25	4.2	352	52	19.7
0157_98	50 mg/kg	Day : 4	4.3	662	53	27.2
0157_98	50 mg/kg	Day : 25	4.2	379	56	25.5
0158_98	50 mg/kg	Day : 4	4.2	611	56	20.5
0158_98	50 mg/kg	Day : 25	4.2	380	55	19.5
0159_98	50 mg/kg	Day : 4	4.3	626	52	26.4
0159_98	50 mg/kg	Day : 25	4.3	401	54	23.5
0160_98	50 mg/kg	Day : 4	4.1	584	53	20.3
0160_98	50 mg/kg	Day : 25	4.3	385	51	22.0
0161_98	75 mg/kg	Day : 4	3.9	599	54	22.4
0161_98	75 mg/kg	Day : 25	4.1	368	67	26.9
0162_98	75 mg/kg	Day : 4	3.9	554	49	22.6
0162_98	75 mg/kg	Day : 25	4.4	378	67	30.8
0163_98	75 mg/kg	Day : 4	4.1	579	63	18.6
0163_98	75 mg/kg	Day : 25	4.3	384	62	30.9
0164_98	75 mg/kg	Day : 4	4.6	673	61	25.1

## 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
0164_98	75 mg/kg	Day : 4	4.6	673	61	25.1
0164_98	75 mg/kg	Day : 25	4.4	383	64	27.3
0165_98	75 mg/kg	Day : 4	4.1	595	59	21.6
0165_98	75 mg/kg	Day : 25	4.2	398	65	20.0
0166_98	75 mg/kg	Day : 4	4.0	606	50	27.1
0166_98	75 mg/kg	Day : 25	4.2	367	56	24.7
0167_98	75 mg/kg	Day : 4	4.4	593	56	21.0
0167_98	75 mg/kg	Day : 25	4.2	356	59	23.4
0168_98	75 mg/kg	Day : 4	4.1	639	49	25.0
0168_98	75 mg/kg	Day : 25	4.5	391	57	17.5
0169_98	75 mg/kg	Day : 4	4.2	610	61	21.2
0169_98	75 mg/kg	Day : 25	4.2	353	52	33.2
0170_98	75 mg/kg	Day : 4	4.2	621	66	21.2
0170_98	75 mg/kg	Day : 25	4.3	390	56	23.7
0171_98	100 mg/kg	Day : 4	4.0	589	53	20.6
0171_98	100 mg/kg	Day : 25	4.2	411	54	30.6
0172_98	100 mg/kg	Day : 4	4.2	638	56	17.7
0172_98	100 mg/kg	Day : 25	4.3	407	58	19.0
0173_98	100 mg/kg	Day : 4	4.4	603	49	23.7
0173_98	100 mg/kg	Day : 25	4.4	347	55	18.4
0174_98	100 mg/kg	Day : 4	4.2	552	52	24.1
0174_98	100 mg/kg	Day : 25	4.3	373	58	22.7

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

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
0175_98	100 mg/kg	Day : 4	4.2	613	61	30.8
0175_98	100 mg/kg	Day : 25	4.3	375	57	29.5
0176_98	100 mg/kg	Day : 4	3.9	477	79	24.7
0176_98	100 mg/kg	Day : 25	4.2	378	64	25.3
0177_98	100 mg/kg	Day : 4	4.3	582	53	19.8
0177_98	100 mg/kg	Day : 25	4.4	388	61	19.4
0178_98	100 mg/kg	Day : 4	4.1	577	56	20.0
0178_98	100 mg/kg	Day : 25	4.2	369	67	30.0
0179_98	100 mg/kg	Day : 4	4.1	640	62	19.0
0179_98	100 mg/kg	Day : 25	4.2	382	59	20.1
0180_98	100 mg/kg	Day : 4	4.3	603	63	23.1
0180_98	100 mg/kg	Day : 25	4.2	402	63	24.3

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0121_98	0 mg/kg	Day : 4	18.0	657	0.5	5.4
0121_98	0 mg/kg	Day : 25	21.5	208	0.6	5.9
0122_98	0 mg/kg	Day : 4	17.4	629	0.5	5.6
0122_98	0 mg/kg	Day : 25	22.4	216	0.6	6.2
0123_98	0 mg/kg	Day : 4	16.5	535	0.5	5.9
0123_98	0 mg/kg	Day : 25	20.5	266	0.5	6.2
0124_98	0 mg/kg	Day : 4	16.1	603	0.5	5.8
0124_98	0 mg/kg	Day : 25	21.6	157	0.6	6.5
0125_98	0 mg/kg	Day : 4	14.4	426	0.5	5.6
0125_98	0 mg/kg	Day : 25	23.7	337	0.6	6.4
0126_98	0 mg/kg	Day : 4	17.0	413	0.5	5.8
0126_98	0 mg/kg	Day : 25	19.6	162	0.6	6.1
0127_98	0 mg/kg	Day : 4	15.7	702	0.5	5.8
0127_98	0 mg/kg	Day : 25	22.0	363	0.6	6.4
0128_98	0 mg/kg	Day : 4	14.5	628	0.5	5.8
0128_98	0 mg/kg	Day : 25	21.3	166	0.6	6.8
0129_98	0 mg/kg	Day : 4	15.7	694	0.5	5.6
0129_98	0 mg/kg	Day : 25	22.6	334	0.6	6.1
0130_98	0 mg/kg	Day : 4	14.0	598	0.5	5.6
0130_98	0 mg/kg	Day : 25	19.5	222	0.7	6.5
0131_98	12.5 mg/kg	Day : 4	16.1	628	0.5	5.4
0131_98	12.5 mg/kg	Day : 25	18.4	211	0.6	6.2



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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0132_98	12.5 mg/kg	Day : 4	19.4	527	0.5	5.8
0132_98	12.5 mg/kg	Day : 25	14.9	295	0.6	6.0
0133_98	12.5 mg/kg	Day : 4	16.7	652	0.5	5.6
0133_98	12.5 mg/kg	Day : 25	18.7	231	0.6	6.4
0134_98	12.5 mg/kg	Day : 4	15.6	366	0.5	5.8
0134_98	12.5 mg/kg	Day : 25	15.9	310	0.7	6.3
0135_98	12.5 mg/kg	Day : 4	15.5	435	0.5	5.5
0135_98	12.5 mg/kg	Day : 25	17.7	181	0.6	6.1
0136_98	12.5 mg/kg	Day : 4	14.7	579	0.5	5.7
0136_98	12.5 mg/kg	Day : 25	18.0	196	0.6	6.0
0137_98	12.5 mg/kg	Day : 4	14.1	574	0.5	5.7
0137_98	12.5 mg/kg	Day : 25	16.6	334	0.6	5.9
0138_98	12.5 mg/kg	Day : 4	14.9	483	0.5	5.8
0138_98	12.5 mg/kg	Day : 25	18.8	382	0.6	6.6
0139_98	12.5 mg/kg	Day : 4	14.5	471	0.5	5.7
0139_98	12.5 mg/kg	Day : 25	18.3	270	0.6	6.4
0140_98	12.5 mg/kg	Day : 4	12.8	696	0.4	5.7
0140_98	12.5 mg/kg	Day : 25	19.3	346	0.6	6.3
0141_98	25 mg/kg	Day : 4	17.1	616	0.5	5.4
0141_98	25 mg/kg	Day : 25	21.8	161	0.6	6.4
0142_98	25 mg/kg	Day : 4	15.4	468	0.5	5.6
0142_98	25 mg/kg	Day : 25	20.7	199	0.6	6.6

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0143_98	25 mg/kg	Day : 4	16.0	472	0.5	5.8
0143_98	25 mg/kg	Day : 25	20.6	232	0.6	6.4
0144_98	25 mg/kg	Day : 4	17.3	430	0.5	5.8
0144_98	25 mg/kg	Day : 25	22.0	281	0.6	6.6
0145_98	25 mg/kg	Day : 4	14.3	530	0.5	5.8
0145_98	25 mg/kg	Day : 25	22.3	297	0.6	6.6
0146_98	25 mg/kg	Day : 4	15.3	808	0.5	5.7
0146_98	25 mg/kg	Day : 25	19.0	166	0.6	6.2
0147_98	25 mg/kg	Day : 4	15.1	601	0.5	5.7
0147_98	25 mg/kg	Day : 25	17.3	209	0.6	6.3
0148_98	25 mg/kg	Day : 4	16.1	398	0.5	5.8
0148_98	25 mg/kg	Day : 25	17.6	304	0.6	6.3
0149_98	25 mg/kg	Day : 4	16.0	452	0.6	6.1
0149_98	25 mg/kg	Day : 25	17.8	361	0.6	6.4
0150_98	25 mg/kg	Day : 4	15.2	470	0.5	6.0
0150_98	25 mg/kg	Day : 25	17.8	277	0.6	6.4
0151_98	50 mg/kg	Day : 4	17.0	614	0.5	5.5
0151_98	50 mg/kg	Day : 25	18.9	176	0.6	6.2
0152_98	50 mg/kg	Day : 4	17.0	496	0.5	6.1
0152_98	50 mg/kg	Day : 25	19.7	167	0.6	6.5
0153_98	50 mg/kg	Day : 4	17.6	420	0.5	5.9
0153_98	50 mg/kg	Day : 25	20.3	208	0.6	6.4

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0154_98	50 mg/kg	Day : 4	16.6	583	0.5	6.2
0154_98	50 mg/kg	Day : 25	21.4	312	0.6	6.5
0155_98	50 mg/kg	Day : 4	16.4	464	0.5	5.5
0155_98	50 mg/kg	Day : 25	20.5	212	0.6	6.2
0156_98	50 mg/kg	Day : 4	13.4	477	0.4	5.4
0156_98	50 mg/kg	Day : 25	17.2	171	0.5	5.9
0157_98	50 mg/kg	Day : 4	14.6	658	0.5	5.9
0157_98	50 mg/kg	Day : 25	17.6	298	0.6	6.3
0158_98	50 mg/kg	Day : 4	16.3	498	0.5	5.7
0158_98	50 mg/kg	Day : 25	16.8	421	0.6	6.4
0159_98	50 mg/kg	Day : 4	17.4	473	0.5	6.3
0159_98	50 mg/kg	Day : 25	17.3	206	0.6	6.3
0160_98	50 mg/kg	Day : 4	15.0	720	0.5	5.8
0160_98	50 mg/kg	Day : 25	15.8	350	0.6	6.3
0161_98	75 mg/kg	Day : 4	16.1	724	0.4	5.4
0161_98	75 mg/kg	Day : 25	21.2	266	0.6	6.0
0162_98	75 mg/kg	Day : 4	17.8	738	0.5	5.5
0162_98	75 mg/kg	Day : 25	21.0	324	0.7	6.5
0163_98	75 mg/kg	Day : 4	16.4	591	0.5	5.9
0163_98	75 mg/kg	Day : 25	21.3	250	0.6	6.1
0164_98	75 mg/kg	Day : 4	18.1	301	0.5	6.3
0164_98	75 mg/kg	Day : 25	22.0	200	0.6	6.3

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0165_98	75 mg/kg	Day : 4	15.4	518	0.5	5.6
0165_98	75 mg/kg	Day : 25	23.3	299	0.6	6.1
0166_98	75 mg/kg	Day : 4	15.2	609	0.5	5.5
0166_98	75 mg/kg	Day : 25	17.2	274	0.6	6.1
0167_98	75 mg/kg	Day : 4	15.9	517	0.5	6.0
0167_98	75 mg/kg	Day : 25	17.3	259	0.6	6.3
0168_98	75 mg/kg	Day : 4	14.8	714	0.5	5.7
0168_98	75 mg/kg	Day : 25	16.6	177	0.6	6.5
0169_98	75 mg/kg	Day : 4	16.4	630	0.5	5.8
0169_98	75 mg/kg	Day : 25	17.8	400	0.6	6.0
0170_98	75 mg/kg	Day : 4	13.1	629	0.4	5.7
0170_98	75 mg/kg	Day : 25	18.1	403	0.6	6.3
0171_98	100 mg/kg	Day : 4	16.1	537	0.5	5.4
0171_98	100 mg/kg	Day : 25	16.8	210	0.6	6.0
0172_98	100 mg/kg	Day : 4	17.9	557	0.5	5.7
0172_98	100 mg/kg	Day : 25	17.7	193	0.6	6.3
0173_98	100 mg/kg	Day : 4	18.3	596	0.5	6.3
0173_98	100 mg/kg	Day : 25	17.9	250	0.7	6.7
0174_98	100 mg/kg	Day : 4	20.0	518	0.5	6.1
0174_98	100 mg/kg	Day : 25	19.6	263	0.6	6.3
0175_98	100 mg/kg	Day : 4	14.5	437	0.5	6.0
0175_98	100 mg/kg	Day : 25	18.5	246	0.6	6.0

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0176_98	100 mg/kg	Day : 4	16.3	375	0.5	5.8
0176_98	100 mg/kg	Day : 25	21.5	266	0.6	6.3
0177_98	100 mg/kg	Day : 4	16.6	493	0.5	6.0
0177_98	100 mg/kg	Day : 25	19.8	215	0.6	6.6
0178_98	100 mg/kg	Day : 4	13.5	525	0.5	5.6
0178_98	100 mg/kg	Day : 25	20.0	230	0.6	6.1
0179_98	100 mg/kg	Day : 4	14.4	592	0.5	5.6
0179_98	100 mg/kg	Day : 25	21.1	272	0.7	6.3
0180_98	100 mg/kg	Day : 4	12.9	403	0.5	6.1
0180_98	100 mg/kg	Day : 25	18.3	256	0.6	6.4

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0121_98	0 mg/kg	Day : 4	4.0
0121_98	0 mg/kg	Day : 25	12.4
0122_98	0 mg/kg	Day : 4	10.0
0122_98	0 mg/kg	Day : 25	12.7
0123_98	0 mg/kg	Day : 4	11.4
0123_98	0 mg/kg	Day : 25	6.8
0124_98	0 mg/kg	Day : 4	4.6
0124_98	0 mg/kg	Day : 25	12.7
0125_98	0 mg/kg	Day : 4	8.0
0125_98	0 mg/kg	Day : 25	12.5
0126_98	0 mg/kg	Day : 4	7.3
0126_98	0 mg/kg	Day : 25	14.2
0127_98	0 mg/kg	Day : 4	2.0
0127_98	0 mg/kg	Day : 25	11
0128_98	0 mg/kg	Day : 4	1.5
0128_98	0 mg/kg	Day : 25	14.7
0129_98	0 mg/kg	Day : 4	3.7
0129_98	0 mg/kg	Day : 25	9.7
0130_98	0 mg/kg	Day : 4	1.7
0130_98	0 mg/kg	Day : 25	15.3
0131_98	12.5 mg/kg	Day : 4	4.0
0131_98	12.5 mg/kg	Day : 25	13.4

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0132_98	12.5 mg/kg	Day : 4	6.3
0132_98	12.5 mg/kg	Day : 25	11.3
0133_98	12.5 mg/kg	Day : 4	5.3
0133_98	12.5 mg/kg	Day : 25	9.0
0134_98	12.5 mg/kg	Day : 4	10.5
0134_98	12.5 mg/kg	Day : 25	10.1
0135_98	12.5 mg/kg	Day : 4	8.5
0135_98	12.5 mg/kg	Day : 25	14.2
0136_98	12.5 mg/kg	Day : 4	3.5
0136_98	12.5 mg/kg	Day : 25	15.6
0137_98	12.5 mg/kg	Day : 4	4.2
0137_98	12.5 mg/kg	Day : 25	7.9
0138_98	12.5 mg/kg	Day : 4	5.9
0138_98	12.5 mg/kg	Day : 25	12.9
0139_98	12.5 mg/kg	Day : 4	7.0
0139_98	12.5 mg/kg	Day : 25	14.4
0140_98	12.5 mg/kg	Day : 4	0.5
0140_98	12.5 mg/kg	Day : 25	8.8
0141_98	25 mg/kg	Day : 4	6.3
0141_98	25 mg/kg	Day : 25	13.8
0142_98	25 mg/kg	Day : 4	12.2
0142_98	25 mg/kg	Day : 25	17.1

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0143_98	25 mg/kg	Day : 4	9.6
0143_98	25 mg/kg	Day : 25	12.1
0144_98	25 mg/kg	Day : 4	8.7
0144_98	25 mg/kg	Day : 25	10.6
0145_98	25 mg/kg	Day : 4	5.4
0145_98	25 mg/kg	Day : 25	14.6
0146_98	25 mg/kg	Day : 4	0.0
0146_98	25 mg/kg	Day : 25	13.1
0147_98	25 mg/kg	Day : 4	4.7
0147_98	25 mg/kg	Day : 25	16.1
0148_98	25 mg/kg	Day : 4	11.5
0148_98	25 mg/kg	Day : 25	17.8
0149_98	25 mg/kg	Day : 4	10.4
0149_98	25 mg/kg	Day : 25	7.6
0150_98	25 mg/kg	Day : 4	4.9
0150_98	25 mg/kg	Day : 25	14.6
0151_98	50 mg/kg	Day : 4	9.3
0151_98	50 mg/kg	Day : 25	15.9
0152_98	50 mg/kg	Day : 4	16.8
0152_98	50 mg/kg	Day : 25	14.0
0153_98	50 mg/kg	Day : 4	8.0
0153_98	50 mg/kg	Day : 25	13.8



Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0154_98	50 mg/kg	Day : 4	4.9
0154_98	50 mg/kg	Day : 25	8.3
0155_98	50 mg/kg	Day : 4	9.2
0155_98	50 mg/kg	Day : 25	11.5
0156_98	50 mg/kg	Day : 4	3.3
0156_98	50 mg/kg	Day : 25	11.1
0157_98	50 mg/kg	Day : 4	0.4
0157_98	50 mg/kg	Day : 25	18.3
0158_98	50 mg/kg	Day : 4	6.9
0158_98	50 mg/kg	Day : 25	13.1
0159_98	50 mg/kg	Day : 4	9.3
0159_98	50 mg/kg	Day : 25	15.4
0160_98	50 mg/kg	Day : 4	2.8
0160_98	50 mg/kg	Day : 25	6.9
0161_98	75 mg/kg	Day : 4	5.7
0161_98	75 mg/kg	Day : 25	15.9
0162_98	75 mg/kg	Day : 4	6.3
0162_98	75 mg/kg	Day : 25	8.3
0163_98	75 mg/kg	Day : 4	4.2
0163_98	75 mg/kg	Day : 25	11.1
0164_98	75 mg/kg	Day : 4	11.2
0164_98	75 mg/kg	Day : 25	9.4

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0165_98	75 mg/kg	Day : 4	3.0
0165_98	75 mg/kg	Day : 25	7.6
0166_98	75 mg/kg	Day : 4	0.3
0166_98	75 mg/kg	Day : 25	7.5
0167_98	75 mg/kg	Day : 4	7.9
0167_98	75 mg/kg	Day : 25	16.3
0168_98	75 mg/kg	Day : 4	0.8
0168_98	75 mg/kg	Day : 25	15.7
0169_98	75 mg/kg	Day : 4	4.8
0169_98	75 mg/kg	Day : 25	8.5
0170_98	75 mg/kg	Day : 4	0.5
0170_98	75 mg/kg	Day : 25	6.2
0171_98	100 mg/kg	Day : 4	6.6
0171_98	100 mg/kg	Day : 25	12.8
0172_98	100 mg/kg	Day : 4	8.6
0172_98	100 mg/kg	Day : 25	11.4
0173_98	100 mg/kg	Day : 4	8.1
0173_98	100 mg/kg	Day : 25	8.1
0174_98	100 mg/kg	Day : 4	3.8
0174_98	100 mg/kg	Day : 25	5.6
0175_98	100 mg/kg	Day : 4	9.5
0175_98	100 mg/kg	Day : 25	8.8

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0176_98	100 mg/kg	Day : 4	16.2
0176_98	100 mg/kg	Day : 25	11.1
0177_98	100 mg/kg	Day : 4	5.1
0177_98	100 mg/kg	Day : 25	16.2
0178_98	100 mg/kg	Day : 4	3.5
0178_98	100 mg/kg	Day : 25	15.8
0179_98	100 mg/kg	Day : 4	2.2
0179_98	100 mg/kg	Day : 25	11.6
0180_98	100 mg/kg	Day : 4	7.2
0180_98	100 mg/kg	Day : 25	12.5

## 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
0181_98	0 mg/kg	Day : 4	4.5	546	44	20.0
0181_98	0 mg/kg	Day : 25	4.3	344	45	15.7
0182_98	0 mg/kg	Day : 4	4.5	547	49	23.9
0182_98	0 mg/kg	Day : 25	4.6	289	39	13.6
0183_98	0 mg/kg	Day : 4	4.2	537	50	22.8
0183_98	0 mg/kg	Day : 25	4.6	325	51	25.9
0184_98	0 mg/kg	Day : 4	4.2	622	56	26.8
0184_98	0 mg/kg	Day : 25	4.3	318	44	19.5
0185_98	0 mg/kg	Day : 4	4.5	548	47	24.4
0185_98	0 mg/kg	Day : 25	4.4	318	45	11.7
0186_98	0 mg/kg	Day : 4	4.2	572	45	14.4
0186_98	0 mg/kg	Day : 25	4.3	292	37	19.0
0187_98	0 mg/kg	Day : 4	4.4	534	42	18.3
0187_98	0 mg/kg	Day : 25	4.4	334	49	25.8
0188_98	0 mg/kg	Day : 4	4.3	585	49	21.3
0188_98	0 mg/kg	Day : 25	4.4	342	44	16.8
0189_98	0 mg/kg	Day : 4	4.3	538	48	19.2
0189_98	0 mg/kg	Day : 25	4.5	288	41	20.6
0190_98	0 mg/kg	Day : 4	4.3	507	47	20.8
0190_98	0 mg/kg	Day : 25	4.4	351	48	25.8
0191_98	12.5 mg/kg	Day : 4	4.2	496	47	23.5
0191_98	12.5 mg/kg	Day : 25	4.4	290	40	26.3

## 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
0192_98	12.5 mg/kg	Day : 4	4.3	555	53	18.2
0192_98	12.5 mg/kg	Day : 25	4.3	330	46	13.5
0193_98	12.5 mg/kg	Day : 4	4.5	537	48	15.0
0193_98	12.5 mg/kg	Day : 25	4.5	325	43	19.7
0194_98	12.5 mg/kg	Day : 4	4.4	528	47	19.1
0194_98	12.5 mg/kg	Day : 25	4.3	319	43	28.8
0195_98	12.5 mg/kg	Day : 4	4.6	600	53	28.1
0195_98	12.5 mg/kg	Day : 25	4.3	324	43	25.9
0196_98	12.5 mg/kg	Day : 4	4.3	589	62	29.4
0196_98	12.5 mg/kg	Day : 25	4.1	321	33	14.0
0197_98	12.5 mg/kg	Day : 4	4.4	490	49	14.2
0197_98	12.5 mg/kg	Day : 25	4.6	296	39	15.0
0198_98	12.5 mg/kg	Day : 4	4.4	548	57	24.4
0198_98	12.5 mg/kg	Day : 25	4.5	341	36	18.1
0199_98	12.5 mg/kg	Day : 4	4.3	520	51	20.6
0199_98	12.5 mg/kg	Day : 25	4.5	254	29	14.9
0200_98	12.5 mg/kg	Day : 4	4.6	608	53	22.4
0200_98	12.5 mg/kg	Day : 25	4.5	319	37	13.4
0201_98	25 mg/kg	Day : 4	4.4	553	50	22.6
0201_98	25 mg/kg	Day : 25	4.5	321	40	13.7
0202_98	25 mg/kg	Day : 4	4.4	563	49	25.6
0202_98	25 mg/kg	Day : 25	4.6	349	47	17.1

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:58

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
0202_98	25 mg/kg	Day : 25	4.6	349	47	17.1
0203_98	25 mg/kg	Day : 4	4.2	612	56	26.0
0203_98	25 mg/kg	Day : 25	4.5	301	43	21.2
0204_98	25 mg/kg	Day : 4	4.3	546	48	23.9
0204_98	25 mg/kg	Day : 25	4.5	345	41	20.1
0205_98	25 mg/kg	Day : 4	4.5	562	55	25.0
0205_98	25 mg/kg	Day : 25	4.5	330	43	19.0
0206_98	25 mg/kg	Day : 4	4.1	509	52	28.8
0206_98	25 mg/kg	Day : 25	4.2	306	40	26.4
0207_98	25 mg/kg	Day : 4	4.5	528	51	25.8
0207_98	25 mg/kg	Day : 25	4.4	339	48	20.2
0208_98	25 mg/kg	Day : 4	4.5	552	49	21.9
0208_98	25 mg/kg	Day : 25	4.4	305	44	19.8
0209_98	25 mg/kg	Day : 4	4.4	568	53	19.2
0209_98	25 mg/kg	Day : 25	4.6	353	44	21.8
0210_98	25 mg/kg	Day : 4	4.1	558	57	27.7
0210_98	25 mg/kg	Day : 25	4.3	323	44	26.6
0211_98	50 mg/kg	Day : 4	4.4	617	54	23.6
0211_98	50 mg/kg	Day : 25	4.5	323	37	26.1
0212_98	50 mg/kg	Day : 4	4.5	590	46	20.6
0212_98	50 mg/kg	Day : 25	4.4	293	39	19.6
0213_98	50 mg/kg	Day : 4	4.4	563	53	26.4

## 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
0213_98	50 mg/kg	Day : 25	4.4	287	46	24.5
0214_98	50 mg/kg	Day : 4	4.4	604	56	28.1
0214_98	50 mg/kg	Day : 25	4.4	343	45	31.4
0215_98	50 mg/kg	Day : 4	4.5	523	49	24.8
0215_98	50 mg/kg	Day : 25	4.5	307	43	15.0
0216_98	50 mg/kg	Day : 4	4.4	492	46	15.7
0216_98	50 mg/kg	Day : 25	4.6	268	36	24.9
0217_98	50 mg/kg	Day : 4	4.5	538	50	17.0
0217_98	50 mg/kg	Day : 25	4.5	335	43	21.9
0218_98	50 mg/kg	Day : 4	4.2	516	47	19.6
0218_98	50 mg/kg	Day : 25	4.6	294	43	12.5
0219_98	50 mg/kg	Day : 4	4.6	541	51	23.8
0219_98	50 mg/kg	Day : 25	4.6	290	45	20.6
0220_98	50 mg/kg	Day : 4	4.3	532	55	16.8
0220_98	50 mg/kg	Day : 25	4.4	291	45	25.0
0221_98	75 mg/kg	Day : 4	4.4	539	52	15.8
0221_98	75 mg/kg	Day : 25	4.3	298	46	23.5
0222_98	75 mg/kg	Day : 4	4.4	628	62	22.5
0222_98	75 mg/kg	Day : 25	4.4	348	50	26.3
0223_98	75 mg/kg	Day : 4	4.4	566	56	27.9
0223_98	75 mg/kg	Day : 25	4.3	298	48	23.3
0224_98	75 mg/kg	Day : 4	4.3	571	51	32.1

## 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
0224_98	75 mg/kg	Day : 4	4.3	571	51	32.1
0224_98	75 mg/kg	Day : 25	4.6	309	48	15.2
0225_98	75 mg/kg	Day : 4	4.3	545	51	26.2
0225_98	75 mg/kg	Day : 25	4.4	316	41	27.2
0226_98	75 mg/kg	Day : 4	4.4	574	54	19.8
0226_98	75 mg/kg	Day : 25	4.6	310	42	21.6
0227_98	75 mg/kg	Day : 4	4.4	511	49	17.9
0227_98	75 mg/kg	Day : 25	4.6	323	44	24.9
0228_98	75 mg/kg	Day : 4	4.5	525	55	24.0
0228_98	75 mg/kg	Day : 25	4.6	317	44	15.1
0229_98	75 mg/kg	Day : 4	4.3	489	51	17.3
0229_98	75 mg/kg	Day : 25	4.3	282	43	17.9
0230_98	75 mg/kg	Day : 4	4.5	608	60	30.6
0230_98	75 mg/kg	Day : 25	DEAD	DEAD	DEAD	DEAD
0231_98	100 mg/kg	Day : 4	4.3	511	53	21.8
0231_98	100 mg/kg	Day : 25	4.2	300	41	26.2
0232_98	100 mg/kg	Day : 4	4.3	538	47	17.0
0232_98	100 mg/kg	Day : 25	4.4	307	49	25.1
0233_98	100 mg/kg	Day : 4	4.4	479	53	25.7
0233_98	100 mg/kg	Day : 25	4.3	336	53	25.2
0234_98	100 mg/kg	Day : 4	4.2	551	57	31.0
0234_98	100 mg/kg	Day : 25	4.4	305	41	26.4



Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

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
0235_98	100 mg/kg	Day : 4	4.5	488	49	25.4
0235_98	100 mg/kg	Day : 25	DEAD	DEAD	DEAD	DEAD
0236_98	100 mg/kg	Day : 4	4.2	535	52	20.6
0236_98	100 mg/kg	Day : 25	4.7	300	43	22.8
0237_98	100 mg/kg	Day : 4	4.5	454	49	25.0
0237_98	100 mg/kg	Day : 25	DEAD	DEAD	DEAD	DEAD
0238_98	100 mg/kg	Day : 4	4.3	546	52	27.5
0238_98	100 mg/kg	Day : 25	4.4	302	42	28.8
0239_98	100 mg/kg	Day : 4	4.3	547	57	23.0
0239_98	100 mg/kg	Day : 25	4.3	324	50	21.3
0240_98	100 mg/kg	Day : 4	4.4	482	54	25.4
0240_98	100 mg/kg	Day : 25	4.5	282	47	18.6

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0181_98	0 mg/kg	Day : 4	19.4	551	0.6	6.4
0181_98	0 mg/kg	Day : 25	20.0	348	0.6	5.9
0182_98	0 mg/kg	Day : 4	17.8	828	0.5	6.2
0182_98	0 mg/kg	Day : 25	17.1	442	0.5	6.2
0183_98	0 mg/kg	Day : 4	17.0	697	0.5	5.9
0183_98	0 mg/kg	Day : 25	20.0	407	0.6	6.2
0184_98	0 mg/kg	Day : 4	14.2	702	0.6	5.8
0184_98	0 mg/kg	Day : 25	16.9	417	0.5	5.9
0185_98	0 mg/kg	Day : 4	14.9	474	0.6	6.0
0185_98	0 mg/kg	Day : 25	20.3	429	0.6	6.0
0186_98	0 mg/kg	Day : 4	14.0	370	0.3	5.8
0186_98	0 mg/kg	Day : 25	18.3	157	0.5	6.1
0187_98	0 mg/kg	Day : 4	15.3	492	0.5	6.1
0187_98	0 mg/kg	Day : 25	18.1	292	0.6	6.2
0188_98	0 mg/kg	Day : 4	13.2	638	0.5	6.0
0188_98	0 mg/kg	Day : 25	19.9	288	0.5	6.2
0189_98	0 mg/kg	Day : 4	13.1	488	0.6	5.8
0189_98	0 mg/kg	Day : 25	17.2	280	0.6	6.3
0190_98	0 mg/kg	Day : 4	13.7	937	0.5	6.0
0190_98	0 mg/kg	Day : 25	18.0	335	0.5	6.3
0191_98	12.5 mg/kg	Day : 4	15.0	1073	0.5	5.7
0191_98	12.5 mg/kg	Day : 25	18.8	458	0.5	6.2

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0192_98	12.5 mg/kg	Day : 4	17.3	863	0.5	6.0
0192_98	12.5 mg/kg	Day : 25	18.8	311	0.5	5.7
0193_98	12.5 mg/kg	Day : 4	14.9	512	0.5	6.2
0193_98	12.5 mg/kg	Day : 25	18.3	151	0.5	6.3
0194_98	12.5 mg/kg	Day : 4	17.1	505	0.5	5.8
0194_98	12.5 mg/kg	Day : 25	19.2	264	0.5	5.8
0195_98	12.5 mg/kg	Day : 4	17.5	371	0.5	6.4
0195_98	12.5 mg/kg	Day : 25	17.0	214	0.5	5.9
0196_98	12.5 mg/kg	Day : 4	12.5	316	0.6	5.8
0196_98	12.5 mg/kg	Day : 25	14.9	460	0.5	5.8
0197_98	12.5 mg/kg	Day : 4	14.5	434	0.6	6.0
0197_98	12.5 mg/kg	Day : 25	18.5	248	0.6	6.3
0198_98	12.5 mg/kg	Day : 4	15.3	436	0.6	6.0
0198_98	12.5 mg/kg	Day : 25	15.0	294	0.6	6.3
0199_98	12.5 mg/kg	Day : 4	15.8	550	0.5	5.7
0199_98	12.5 mg/kg	Day : 25	18.1	493	0.5	6.2
0200_98	12.5 mg/kg	Day : 4	14.7	602	0.6	6.4
0200_98	12.5 mg/kg	Day : 25	17.3	432	0.6	6.2
0201_98	25 mg/kg	Day : 4	16.2	584	0.5	6.1
0201_98	25 mg/kg	Day : 25	17.1	408	0.6	6.2
0202_98	25 mg/kg	Day : 4	18.1	497	0.5	6.1
0202_98	25 mg/kg	Day : 25	19.1	277	0.6	6.4

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0203_98	25 mg/kg	Day : 4	16.5	588	0.5	6.0
0203_98	25 mg/kg	Day : 25	19.0	351	0.5	6.0
0204_98	25 mg/kg	Day : 4	14.6	528	0.6	5.9
0204_98	25 mg/kg	Day : 25	17.7	301	0.7	6.2
0205_98	25 mg/kg	Day : 4	16.4	734	0.5	6.0
0205_98	25 mg/kg	Day : 25	18.6	223	0.6	6.2
0206_98	25 mg/kg	Day : 4	15.1	501	0.5	5.5
0206_98	25 mg/kg	Day : 25	17.2	258	0.5	5.9
0207_98	25 mg/kg	Day : 4	13.8	307	0.5	6.3
0207_98	25 mg/kg	Day : 25	18.8	176	0.6	6.3
0208_98	25 mg/kg	Day : 4	14.1	417	0.6	6.4
0208_98	25 mg/kg	Day : 25	19.0	300	0.6	6.3
0209_98	25 mg/kg	Day : 4	16.9	784	0.6	6.1
0209_98	25 mg/kg	Day : 25	19.0	345	0.6	6.6
0210_98	25 mg/kg	Day : 4	11.9	997	0.6	5.6
0210_98	25 mg/kg	Day : 25	18.7	267	0.6	6.1
0211_98	50 mg/kg	Day : 4	16.8	614	0.5	6.2
0211_98	50 mg/kg	Day : 25	16.1	300	0.5	6.2
0212_98	50 mg/kg	Day : 4	14.4	717	0.6	6.3
0212_98	50 mg/kg	Day : 25	16.7	419	0.5	6.1
0213_98	50 mg/kg	Day : 4	15.2	1631	0.6	6.2
0213_98	50 mg/kg	Day : 25	18.6	341	0.6	6.0

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0214_98	50 mg/kg	Day : 4	15.5	638	0.5	6.2
0214_98	50 mg/kg	Day : 25	16.8	326	0.5	6.2
0215_98	50 mg/kg	Day : 4	16.9	585	0.6	6.0
0215_98	50 mg/kg	Day : 25	16.6	261	0.6	6.0
0216_98	50 mg/kg	Day : 4	14.7	652	0.5	6.0
0216_98	50 mg/kg	Day : 25	18.2	153	0.6	6.5
0217_98	50 mg/kg	Day : 4	15.6	464	0.6	6.1
0217_98	50 mg/kg	Day : 25	16.8	156	0.6	6.3
0218_98	50 mg/kg	Day : 4	11.8	347	0.6	5.6
0218_98	50 mg/kg	Day : 25	17.3	344	0.6	6.4
0219_98	50 mg/kg	Day : 4	16.3	620	0.6	6.2
0219_98	50 mg/kg	Day : 25	17.9	414	0.6	6.5
0220_98	50 mg/kg	Day : 4	13.1	596	0.6	5.8
0220_98	50 mg/kg	Day : 25	15.7	303	0.5	6.2
0221_98	75 mg/kg	Day : 4	15.6	462	0.6	6.1
0221_98	75 mg/kg	Day : 25	16.0	326	0.5	5.8
0222_98	75 mg/kg	Day : 4	16.8	744	0.6	6.0
0222_98	75 mg/kg	Day : 25	16.6	561	0.6	5.9
0223_98	75 mg/kg	Day : 4	18.9	675	0.5	6.4
0223_98	75 mg/kg	Day : 25	17.0	308	0.5	5.9
0224_98	75 mg/kg	Day : 4	16.5	992	0.5	6.1
0224_98	75 mg/kg	Day : 25	18.7	258	0.6	6.3

Experiment Number: 99037-98

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0225_98	75 mg/kg	Day : 4	15.4	590	0.6	5.9
0225_98	75 mg/kg	Day : 25	20.7	568	0.6	6.0
0226_98	75 mg/kg	Day : 4	16.3	463	0.6	6.1
0226_98	75 mg/kg	Day : 25	17.5	189	0.6	6.6
0227_98	75 mg/kg	Day : 4	15.0	387	0.5	6.0
0227_98	75 mg/kg	Day : 25	17.9	251	0.6	6.7
0228_98	75 mg/kg	Day : 4	13.8	385	0.6	6.3
0228_98	75 mg/kg	Day : 25	16.8	202	0.6	6.4
0229_98	75 mg/kg	Day : 4	16.3	819	0.5	5.8
0229_98	75 mg/kg	Day : 25	18.9	222	0.6	5.8
0230_98	75 mg/kg	Day : 4	13.0	642	0.6	6.4
0230_98	75 mg/kg	Day : 25	DEAD	DEAD	DEAD	DEAD
0231_98	100 mg/kg	Day : 4	17.2	465	0.5	5.6
0231_98	100 mg/kg	Day : 25	17.1	271	0.5	5.7
0232_98	100 mg/kg	Day : 4	17.6	789	0.6	6.0
0232_98	100 mg/kg	Day : 25	19.5	465	0.5	6.0
0233_98	100 mg/kg	Day : 4	16.5	486	0.5	6.3
0233_98	100 mg/kg	Day : 25	20.1	317	0.5	5.9
0234_98	100 mg/kg	Day : 4	14.7	534	0.5	6.1
0234_98	100 mg/kg	Day : 25	19.5	347	0.6	5.9
0235_98	100 mg/kg	Day : 4	18.3	347	0.6	6.1
0235_98	100 mg/kg	Day : 25	DEAD	DEAD	DEAD	DEAD

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0236_98	100 mg/kg	Day : 4	14.5	678	0.6	5.8
0236_98	100 mg/kg	Day : 25	17.0	220	0.5	6.6
0237_98	100 mg/kg	Day : 4	15.2	572	0.5	6.1
0237_98	100 mg/kg	Day : 25	DEAD	DEAD	DEAD	DEAD
0238_98	100 mg/kg	Day : 4	12.4	398	0.6	5.7
0238_98	100 mg/kg	Day : 25	15.7	168	0.5	6.3
0239_98	100 mg/kg	Day : 4	16.5	860	0.6	5.9
0239_98	100 mg/kg	Day : 25	16.2	240	0.6	6.0
0240_98	100 mg/kg	Day : 4	14.6	819	0.6	6.2
0240_98	100 mg/kg	Day : 25	18.7	260	0.6	6.5

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0181_98	0 mg/kg	Day : 4	13.7
0181_98	0 mg/kg	Day : 25	12.2
0182_98	0 mg/kg	Day : 4	7.9
0182_98	0 mg/kg	Day : 25	7.1
0183_98	0 mg/kg	Day : 4	5.5
0183_98	0 mg/kg	Day : 25	9.2
0184_98	0 mg/kg	Day : 4	8.4
0184_98	0 mg/kg	Day : 25	9.1
0185_98	0 mg/kg	Day : 4	8.7
0185_98	0 mg/kg	Day : 25	12.0
0186_98	0 mg/kg	Day : 4	7.6
0186_98	0 mg/kg	Day : 25	14.1
0187_98	0 mg/kg	Day : 4	6.2
0187_98	0 mg/kg	Day : 25	10.6
0188_98	0 mg/kg	Day : 4	2.1
0188_98	0 mg/kg	Day : 25	7.8
0189_98	0 mg/kg	Day : 4	10.0
0189_98	0 mg/kg	Day : 25	7.0
0190_98	0 mg/kg	Day : 4	0.7
0190_98	0 mg/kg	Day : 25	4.4
0191_98	12.5 mg/kg	Day : 4	3.6
0191_98	12.5 mg/kg	Day : 25	7.4



Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0192_98	12.5 mg/kg	Day : 4	4.2
0192_98	12.5 mg/kg	Day : 25	10.8
0193_98	12.5 mg/kg	Day : 4	8.2
0193_98	12.5 mg/kg	Day : 25	15.5
0194_98	12.5 mg/kg	Day : 4	5.9
0194_98	12.5 mg/kg	Day : 25	11.1
0195_98	12.5 mg/kg	Day : 4	12.3
0195_98	12.5 mg/kg	Day : 25	12.8
0196_98	12.5 mg/kg	Day : 4	13.2
0196_98	12.5 mg/kg	Day : 25	10.2
0197_98	12.5 mg/kg	Day : 4	9.4
0197_98	12.5 mg/kg	Day : 25	14.4
0198_98	12.5 mg/kg	Day : 4	10.2
0198_98	12.5 mg/kg	Day : 25	10.9
0199_98	12.5 mg/kg	Day : 4	8.6
0199_98	12.5 mg/kg	Day : 25	9.6
0200_98	12.5 mg/kg	Day : 4	6.2
0200_98	12.5 mg/kg	Day : 25	6.4
0201_98	25 mg/kg	Day : 4	4.0
0201_98	25 mg/kg	Day : 25	16.4
0202_98	25 mg/kg	Day : 4	6.0
0202_98	25 mg/kg	Day : 25	17.6

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0203_98	25 mg/kg	Day : 4	7.9
0203_98	25 mg/kg	Day : 25	7.9
0204_98	25 mg/kg	Day : 4	5.6
0204_98	25 mg/kg	Day : 25	11.9
0205_98	25 mg/kg	Day : 4	4.2
0205_98	25 mg/kg	Day : 25	15.3
0206_98	25 mg/kg	Day : 4	2.5
0206_98	25 mg/kg	Day : 25	9.8
0207_98	25 mg/kg	Day : 4	10.9
0207_98	25 mg/kg	Day : 25	13.1
0208_98	25 mg/kg	Day : 4	8.5
0208_98	25 mg/kg	Day : 25	9.5
0209_98	25 mg/kg	Day : 4	4.2
0209_98	25 mg/kg	Day : 25	8.1
0210_98	25 mg/kg	Day : 4	0.9
0210_98	25 mg/kg	Day : 25	10.9
0211_98	50 mg/kg	Day : 4	8.2
0211_98	50 mg/kg	Day : 25	15.9
0212_98	50 mg/kg	Day : 4	9.1
0212_98	50 mg/kg	Day : 25	7.1
0213_98	50 mg/kg	Day : 4	5.1
0213_98	50 mg/kg	Day : 25	7.3

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0214_98	50 mg/kg	Day : 4	9.0
0214_98	50 mg/kg	Day : 25	7.5
0215_98	50 mg/kg	Day : 4	2.5
0215_98	50 mg/kg	Day : 25	14.3
0216_98	50 mg/kg	Day : 4	0.5
0216_98	50 mg/kg	Day : 25	11.3
0217_98	50 mg/kg	Day : 4	6.5
0217_98	50 mg/kg	Day : 25	11.1
0218_98	50 mg/kg	Day : 4	10.9
0218_98	50 mg/kg	Day : 25	8.0
0219_98	50 mg/kg	Day : 4	4.2
0219_98	50 mg/kg	Day : 25	7.6
0220_98	50 mg/kg	Day : 4	6.6
0220_98	50 mg/kg	Day : 25	4.6
0221_98	75 mg/kg	Day : 4	13.2
0221_98	75 mg/kg	Day : 25	15.6
0222_98	75 mg/kg	Day : 4	6.8
0222_98	75 mg/kg	Day : 25	8.4
0223_98	75 mg/kg	Day : 4	3.3
0223_98	75 mg/kg	Day : 25	15.8
0224_98	75 mg/kg	Day : 4	5.3
0224_98	75 mg/kg	Day : 25	12.7

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	SDH IU per L
0225_98	75 mg/kg	Day : 4	3.6
0225_98	75 mg/kg	Day : 25	7.2
0226_98	75 mg/kg	Day : 4	6.5
0226_98	75 mg/kg	Day : 25	12.0
0227_98	75 mg/kg	Day : 4	15.6
0227_98	75 mg/kg	Day : 25	11.7
0228_98	75 mg/kg	Day : 4	12.2
0228_98	75 mg/kg	Day : 25	12.7
0229_98	75 mg/kg	Day : 4	1.6
0229_98	75 mg/kg	Day : 25	11.3
0230_98	75 mg/kg	Day : 4	10.6
0230_98	75 mg/kg	Day : 25	DEAD
0231_98	100 mg/kg	Day : 4	15.7
0231_98	100 mg/kg	Day : 25	14.4
0232_98	100 mg/kg	Day : 4	3.7
0232_98	100 mg/kg	Day : 25	6.8
0233_98	100 mg/kg	Day : 4	9.9
0233_98	100 mg/kg	Day : 25	9.6
0234_98	100 mg/kg	Day : 4	5.4
0234_98	100 mg/kg	Day : 25	10.5
0235_98	100 mg/kg	Day : 4	12.5
0235_98	100 mg/kg	Day : 25	DEAD

Experiment Number: 99037-98

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 05:08:59

First Dose M/F: NA / NA

Lab: NA

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**FEMALE**

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Animal No.	Dose	Time In Study	SDH IU per L
0236_98	100 mg/kg	Day : 4	0.1
0236_98	100 mg/kg	Day : 25	13.0
0237_98	100 mg/kg	Day : 4	6.0
0237_98	100 mg/kg	Day : 25	DEAD
0238_98	100 mg/kg	Day : 4	10.2
0238_98	100 mg/kg	Day : 25	9.9
0239_98	100 mg/kg	Day : 4	2.3
0239_98	100 mg/kg	Day : 25	9.6
0240_98	100 mg/kg	Day : 4	3.9
0240_98	100 mg/kg	Day : 25	12.9

\*\* END OF REPORT \*\*