

**Experiment Number:** 61938-01

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

**P42: Clinical Chemistry Data**

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 14:44:21

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

**Lab:** NA

**C Number:** C61938

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

Experiment Number: 61938-01

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P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:44:21

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0001_01	0 mg/m3	Week : 13	4.2	1.35	352	62
0002_01	0 mg/m3	Week : 13	4.5	1.55	381	70
0003_01	0 mg/m3	Week : 13	4.2	1.5	343	55
0004_01	0 mg/m3	Week : 13	3.9	1.5	283	55
0005_01	0 mg/m3	Week : 13	4.1	1.46	283	76
0006_01	0 mg/m3	Week : 13	4.3	1.54	306	81
0007_01	0 mg/m3	Week : 13	4.2	1.45	332	59
0008_01	0 mg/m3	Week : 13	4.1	1.64	321	71
0009_01	0 mg/m3	Week : 13	4.2	1.4	323	61
0010_01	0 mg/m3	Week : 13	4	1.29	322	70
0201_01	0.5 mg/m3	Week : 13	4.1	1.52	296	46
0202_01	0.5 mg/m3	Week : 13	4.5	1.61	293	44
0203_01	0.5 mg/m3	Week : 13	4.3	1.59	288	88
0204_01	0.5 mg/m3	Week : 13	3.9	1.5	301	54
0205_01	0.5 mg/m3	Week : 13	4.1	1.46	317	51
0206_01	0.5 mg/m3	Week : 13	4	1.48	341	57
0207_01	0.5 mg/m3	Week : 13	3.9	1.39	275	52
0208_01	0.5 mg/m3	Week : 13	4.1	1.64	283	56
0209_01	0.5 mg/m3	Week : 13	4.2	1.5	330	57
0210_01	0.5 mg/m3	Week : 13	3.8	1.31	329	62
0401_01	2 mg/m3	Week : 13	4.2	1.56	260	61
0402_01	2 mg/m3	Week : 13	4.1	1.58	303	54

Experiment Number: 61938-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0403_01	2 mg/m3	Week : 13	3.9	1.44	328	55
0404_01	2 mg/m3	Week : 13	4.4	1.57	322	70
0405_01	2 mg/m3	Week : 13	4.4	1.57	306	50
0406_01	2 mg/m3	Week : 13	4.4	1.57	331	68
0407_01	2 mg/m3	Week : 13	4.1	1.41	292	54
0408_01	2 mg/m3	Week : 13	4.1	1.32	342	60
0409_01	2 mg/m3	Week : 13	4.4	1.63	281	51
0410_01	2 mg/m3	Week : 13	4	1.38	315	49
0601_01	8 mg/m3	Week : 13	4.1	1.46	309	58
0602_01	8 mg/m3	Week : 13	4.1	1.58	283	55
0603_01	8 mg/m3	Week : 13	4.3	1.65	362	64
0604_01	8 mg/m3	Week : 13	4.3	1.48	351	61
0605_01	8 mg/m3	Week : 13	4.3	1.72	301	53
0606_01	8 mg/m3	Week : 13	4.3	1.65	343	50
0607_01	8 mg/m3	Week : 13	4.3	1.59	318	55
0608_01	8 mg/m3	Week : 13	4.4	1.63	331	50
0609_01	8 mg/m3	Week : 13	4.1	1.64	300	51
0610_01	8 mg/m3	Week : 13	4.2	1.5	327	57
0801_01	20 mg/m3	Week : 13	4.4	1.63	331	65
0802_01	20 mg/m3	Week : 13	4.3	1.65	326	60
0803_01	20 mg/m3	Week : 13	4.1	1.58	281	60
0804_01	20 mg/m3	Week : 13	4.3	1.72	293	51

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0805_01	20 mg/m3	Week : 13	4.2	1.62	290	47
0806_01	20 mg/m3	Week : 13	4.2	1.5	277	50
0807_01	20 mg/m3	Week : 13	4	1.54	294	58
0808_01	20 mg/m3	Week : 13	4.1	1.46	340	56
0809_01	20 mg/m3	Week : 13	3.9	1.44	265	50
0810_01	20 mg/m3	Week : 13	4.2	1.75	306	57
1001_01	50 mg/m3	Week : 13	4.3	1.65	288	49
1002_01	50 mg/m3	Week : 13	4.4	1.91	293	61
1003_01	50 mg/m3	Week : 13	3.9	1.56	274	50
1004_01	50 mg/m3	Week : 13	3.9	1.5	265	66
1005_01	50 mg/m3	Week : 13	3.8	1.23	333	58
1006_01	50 mg/m3	Week : 13	4.2	1.75	265	47
1007_01	50 mg/m3	Week : 13	4.3	1.65	283	50
1008_01	50 mg/m3	Week : 13	4.1	1.71	283	47
1009_01	50 mg/m3	Week : 13	4.3	1.87	329	47
1010_01	50 mg/m3	Week : 13	4.2	1.62	296	43

## MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0001_01	0 mg/m3	Week : 13	21.4	22	90	0.7
0002_01	0 mg/m3	Week : 13	34.9	22	225	0.8
0003_01	0 mg/m3	Week : 13	23.4	19	216	0.8
0004_01	0 mg/m3	Week : 13	34	21	257	0.9
0005_01	0 mg/m3	Week : 13	26.9	22	200	0.7
0006_01	0 mg/m3	Week : 13	37.1	22	208	0.8
0007_01	0 mg/m3	Week : 13	39.4	22	126	0.7
0008_01	0 mg/m3	Week : 13	20.9	21	287	0.8
0009_01	0 mg/m3	Week : 13	37.6	20	110	0.7
0010_01	0 mg/m3	Week : 13	21.6	21	187	0.8
0201_01	0.5 mg/m3	Week : 13	20	20	66	0.6
0202_01	0.5 mg/m3	Week : 13	27.3	18	140	0.6
0203_01	0.5 mg/m3	Week : 13	21.6	22	163	0.7
0204_01	0.5 mg/m3	Week : 13	36.4	22	163	0.9
0205_01	0.5 mg/m3	Week : 13	25.3	18	291	0.7
0206_01	0.5 mg/m3	Week : 13	59.5	27	116	0.7
0207_01	0.5 mg/m3	Week : 13	32.3	23	141	0.7
0208_01	0.5 mg/m3	Week : 13	19.4	22	138	0.7
0209_01	0.5 mg/m3	Week : 13	23.2	19	245	0.7
0210_01	0.5 mg/m3	Week : 13	44.9	23	136	0.6
0401_01	2 mg/m3	Week : 13	26.5	20	103	0.7
0402_01	2 mg/m3	Week : 13	21.6	20	79	0.6

## MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0403_01	2 mg/m3	Week : 13	21.9	23	80	0.7
0404_01	2 mg/m3	Week : 13	22.2	20	215	0.8
0405_01	2 mg/m3	Week : 13	25.4	22	207	0.8
0406_01	2 mg/m3	Week : 13	27.9	21	259	0.8
0407_01	2 mg/m3	Week : 13	42.5	24	123	0.6
0408_01	2 mg/m3	Week : 13	22.7	22	268	0.8
0409_01	2 mg/m3	Week : 13	19.6	20	59	0.7
0410_01	2 mg/m3	Week : 13	32.6	19	59	0.7
0601_01	8 mg/m3	Week : 13	50.8	22	200	0.7
0602_01	8 mg/m3	Week : 13	26	23	107	0.6
0603_01	8 mg/m3	Week : 13	22.4	22	68	0.6
0604_01	8 mg/m3	Week : 13	29.1	23	84	0.7
0605_01	8 mg/m3	Week : 13	44.3	21	272	0.8
0606_01	8 mg/m3	Week : 13	31	21	82	0.6
0607_01	8 mg/m3	Week : 13	22.9	22	199	0.8
0608_01	8 mg/m3	Week : 13	33.2	23	316	0.8
0609_01	8 mg/m3	Week : 13	27.1	21	61	0.6
0610_01	8 mg/m3	Week : 13	23.6	21	250	0.7
0801_01	20 mg/m3	Week : 13	32.2	25	104	0.6
0802_01	20 mg/m3	Week : 13	20.5	22	269	0.8
0803_01	20 mg/m3	Week : 13	29.5	25	141	0.7
0804_01	20 mg/m3	Week : 13	31	20	275	0.8

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Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0804_01	20 mg/m3	Week : 13	31	20	275	0.8
0805_01	20 mg/m3	Week : 13	21.3	18	57	0.5
0806_01	20 mg/m3	Week : 13	36.1	21	155	0.7
0807_01	20 mg/m3	Week : 13	27.2	20	159	0.6
0808_01	20 mg/m3	Week : 13	26.8	21	89	0.6
0809_01	20 mg/m3	Week : 13	36	22	136	0.7
0810_01	20 mg/m3	Week : 13	33.6	26	96	0.7
1001_01	50 mg/m3	Week : 13	38.1	20	126	0.6
1002_01	50 mg/m3	Week : 13	36.8	22	84	0.6
1003_01	50 mg/m3	Week : 13	25.6	19	77	0.7
1004_01	50 mg/m3	Week : 13	24.5	20	93	0.6
1005_01	50 mg/m3	Week : 13	38.2	26	159	0.7
1006_01	50 mg/m3	Week : 13	36.9	24	190	0.7
1007_01	50 mg/m3	Week : 13	41.8	22	227	0.7
1008_01	50 mg/m3	Week : 13	24	22	88	0.6
1009_01	50 mg/m3	Week : 13	32.7	22	87	0.6
1010_01	50 mg/m3	Week : 13	67.8	23	75	0.7

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Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
0001_01	0 mg/m3	Week : 13	3.1	146	7.3	20
0002_01	0 mg/m3	Week : 13	2.9	112	7.4	16
0003_01	0 mg/m3	Week : 13	2.8	115	7	15
0004_01	0 mg/m3	Week : 13	2.6	184	6.5	13
0005_01	0 mg/m3	Week : 13	2.8	142	6.9	20
0006_01	0 mg/m3	Week : 13	2.8	121	7.1	19
0007_01	0 mg/m3	Week : 13	2.9	138	7.1	16
0008_01	0 mg/m3	Week : 13	2.5	131	6.6	14
0009_01	0 mg/m3	Week : 13	3	126	7.2	17
0010_01	0 mg/m3	Week : 13	3.1	121	7.1	17
0201_01	0.5 mg/m3	Week : 13	2.7	137	6.8	14
0202_01	0.5 mg/m3	Week : 13	2.8	141	7.3	14
0203_01	0.5 mg/m3	Week : 13	2.7	131	7	25
0204_01	0.5 mg/m3	Week : 13	2.6	204	6.5	20
0205_01	0.5 mg/m3	Week : 13	2.8	135	6.9	10
0206_01	0.5 mg/m3	Week : 13	2.7	220	6.7	17
0207_01	0.5 mg/m3	Week : 13	2.8	140	6.7	17
0208_01	0.5 mg/m3	Week : 13	2.5	142	6.6	15
0209_01	0.5 mg/m3	Week : 13	2.8	103	7	16
0210_01	0.5 mg/m3	Week : 13	2.9	148	6.7	15
0401_01	2 mg/m3	Week : 13	2.7	172	6.9	17
0402_01	2 mg/m3	Week : 13	2.6	142	6.7	15



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**MALE**


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Animal No.	Dose	Time In Study	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
0403_01	2 mg/m3	Week : 13	2.7	129	6.6	17
0404_01	2 mg/m3	Week : 13	2.8	117	7.2	14
0405_01	2 mg/m3	Week : 13	2.8	133	7.2	16
0406_01	2 mg/m3	Week : 13	2.8	122	7.2	16
0407_01	2 mg/m3	Week : 13	2.9	144	7	17
0408_01	2 mg/m3	Week : 13	3.1	124	7.2	13
0409_01	2 mg/m3	Week : 13	2.7	124	7.1	14
0410_01	2 mg/m3	Week : 13	2.9	150	6.9	13
0601_01	8 mg/m3	Week : 13	2.8	127	6.9	17
0602_01	8 mg/m3	Week : 13	2.6	142	6.7	17
0603_01	8 mg/m3	Week : 13	2.6	138	6.9	14
0604_01	8 mg/m3	Week : 13	2.9	144	7.2	16
0605_01	8 mg/m3	Week : 13	2.5	125	6.8	11
0606_01	8 mg/m3	Week : 13	2.6	127	6.9	15
0607_01	8 mg/m3	Week : 13	2.7	107	7	15
0608_01	8 mg/m3	Week : 13	2.7	131	7.1	11
0609_01	8 mg/m3	Week : 13	2.5	138	6.6	12
0610_01	8 mg/m3	Week : 13	2.8	117	7	16
0801_01	20 mg/m3	Week : 13	2.7	122	7.1	16
0802_01	20 mg/m3	Week : 13	2.6	124	6.9	13
0803_01	20 mg/m3	Week : 13	2.6	144	6.7	18
0804_01	20 mg/m3	Week : 13	2.5	123	6.8	11

Experiment Number: 61938-01

Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
0805_01	20 mg/m3	Week : 13	2.6	151	6.8	11
0806_01	20 mg/m3	Week : 13	2.8	143	7	15
0807_01	20 mg/m3	Week : 13	2.6	136	6.6	15
0808_01	20 mg/m3	Week : 13	2.8	136	6.9	15
0809_01	20 mg/m3	Week : 13	2.7	123	6.6	15
0810_01	20 mg/m3	Week : 13	2.4	145	6.6	16
1001_01	50 mg/m3	Week : 13	2.6	144	6.9	15
1002_01	50 mg/m3	Week : 13	2.3	130	6.7	18
1003_01	50 mg/m3	Week : 13	2.5	228	6.4	17
1004_01	50 mg/m3	Week : 13	2.6	150	6.5	18
1005_01	50 mg/m3	Week : 13	3.1	141	6.9	17
1006_01	50 mg/m3	Week : 13	2.4	153	6.6	15
1007_01	50 mg/m3	Week : 13	2.6	122	6.9	13
1008_01	50 mg/m3	Week : 13	2.4	150	6.5	14
1009_01	50 mg/m3	Week : 13	2.3	156	6.6	15
1010_01	50 mg/m3	Week : 13	2.6	215	6.8	15

Experiment Number: 61938-01

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First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0101_01	0 mg/m3	Week : 13	4	1.82	270	48
0102_01	0 mg/m3	Week : 13	4.2	1.56	310	53
0103_01	0 mg/m3	Week : 13	4.1	1.52	303	56
0104_01	0 mg/m3	Week : 13	4.1	1.58	286	43
0105_01	0 mg/m3	Week : 13	3.9	1.5	321	49
0106_01	0 mg/m3	Week : 13	4.4	1.63	256	41
0107_01	0 mg/m3	Week : 13	4	1.54	274	45
0108_01	0 mg/m3	Week : 13	4.2	1.75	317	44
0109_01	0 mg/m3	Week : 13	3.9	1.86	266	43
0110_01	0 mg/m3	Week : 13	3.6	1.33	283	48
0301_01	0.5 mg/m3	Week : 13	4.1	1.78	296	54
0302_01	0.5 mg/m3	Week : 13	3.9	1.5	318	46
0303_01	0.5 mg/m3	Week : 13	4.1	1.58	234	51
0304_01	0.5 mg/m3	Week : 13	4	1.9	285	44
0305_01	0.5 mg/m3	Week : 13	3.9	1.63	305	50
0306_01	0.5 mg/m3	Week : 13	4.1	1.64	240	60
0307_01	0.5 mg/m3	Week : 13	4	1.6	269	42
0308_01	0.5 mg/m3	Week : 13	4.5	1.61	261	40
0309_01	0.5 mg/m3	Week : 13	4.1	1.46	252	51
0310_01	0.5 mg/m3	Week : 13	4.1	1.78	266	60
0501_01	2 mg/m3	Week : 13	3.9	1.7	348	44
0502_01	2 mg/m3	Week : 13	4.1	1.41	345	49

Experiment Number: 61938-01

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First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0503_01	2 mg/m3	Week : 13	3	0.83	323	41
0504_01	2 mg/m3	Week : 13	4	1.43	389	50
0505_01	2 mg/m3	Week : 13	4	1.48	321	47
0506_01	2 mg/m3	Week : 13	4.1	1.52	302	48
0507_01	2 mg/m3	Week : 13	4.1	1.58	226	41
0508_01	2 mg/m3	Week : 13	4.3	1.72	294	39
0509_01	2 mg/m3	Week : 13	3.8	1.58	282	40
0510_01	2 mg/m3	Week : 13	4	1.74	222	40
0701_01	8 mg/m3	Week : 13	4.4	1.83	294	45
0702_01	8 mg/m3	Week : 13	4	1.6	299	49
0703_01	8 mg/m3	Week : 13	3.9	1.56	303	54
0704_01	8 mg/m3	Week : 13	3.8	1.81	274	47
0705_01	8 mg/m3	Week : 13	3.7	1.54	325	46
0706_01	8 mg/m3	Week : 13	4.2	2	306	54
0707_01	8 mg/m3	Week : 13	3.8	1.36	229	50
0708_01	8 mg/m3	Week : 13	4	1.6	287	56
0709_01	8 mg/m3	Week : 13	3.9	1.7	291	52
0710_01	8 mg/m3	Week : 13	3.3	0.94	261	41
0901_01	20 mg/m3	Week : 13	4	1.74	322	57
0902_01	20 mg/m3	Week : 13	4.2	1.68	240	46
0903_01	20 mg/m3	Week : 13	4.2	1.45	291	51
0904_01	20 mg/m3	Week : 13	4.3	1.65	267	46

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Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0905_01	20 mg/m3	Week : 13	3.9	1.56	260	45
0906_01	20 mg/m3	Week : 13	4.3	1.95	298	45
0907_01	20 mg/m3	Week : 13	4.4	3.14	290	57
0908_01	20 mg/m3	Week : 13	3.8	1.31	265	57
0909_01	20 mg/m3	Week : 13	4.2	1.62	323	55
0910_01	20 mg/m3	Week : 13	4.4	1.83	324	66
1101_01	50 mg/m3	Week : 13	4.2	1.45	284	56
1102_01	50 mg/m3	Week : 13	4	1.54	344	48
1103_01	50 mg/m3	Week : 13	4	1.74	280	42
1104_01	50 mg/m3	Week : 13	4.1	1.64	289	42
1105_01	50 mg/m3	Week : 13	3.6	1.64	245	46
1106_01	50 mg/m3	Week : 13	4	1.67	264	55
1107_01	50 mg/m3	Week : 13	4.1	2.05	262	40
1108_01	50 mg/m3	Week : 13	3.9	1.7	288	45
1109_01	50 mg/m3	Week : 13	4.1	1.86	270	38
1110_01	50 mg/m3	Week : 13	3.8	1.52	303	67

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First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0101_01	0 mg/m3	Week : 13	17.7	17	139	0.6
0102_01	0 mg/m3	Week : 13	12	21	149	0.6
0103_01	0 mg/m3	Week : 13	41.7	21	182	0.7
0104_01	0 mg/m3	Week : 13	29.7	25	84	0.7
0105_01	0 mg/m3	Week : 13	23.8	21	152	0.6
0106_01	0 mg/m3	Week : 13	20.4	20	171	0.7
0107_01	0 mg/m3	Week : 13	18.6	20	117	0.6
0108_01	0 mg/m3	Week : 13	24.5	21	94	0.6
0109_01	0 mg/m3	Week : 13	46.5	22	168	0.7
0110_01	0 mg/m3	Week : 13	25.8	23	280	0.6
0301_01	0.5 mg/m3	Week : 13	50.4	23	151	0.6
0302_01	0.5 mg/m3	Week : 13	81.4	22	270	0.6
0303_01	0.5 mg/m3	Week : 13	30.9	20	293	0.5
0304_01	0.5 mg/m3	Week : 13	37.2	22	139	0.7
0305_01	0.5 mg/m3	Week : 13	68.9	22	187	0.6
0306_01	0.5 mg/m3	Week : 13	20.4	19	98	0.6
0307_01	0.5 mg/m3	Week : 13	28.2	20	170	0.6
0308_01	0.5 mg/m3	Week : 13	19.3	19	135	0.6
0309_01	0.5 mg/m3	Week : 13	45.1	23	126	0.6
0310_01	0.5 mg/m3	Week : 13	22.3	18	166	0.6
0501_01	2 mg/m3	Week : 13	30.6	25	655*	0.6
0502_01	2 mg/m3	Week : 13	25.6	22	115	0.6

## FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0503_01	2 mg/m3	Week : 13	37.4	22	104	0.6
0504_01	2 mg/m3	Week : 13	22.7	24	197	0.7
0505_01	2 mg/m3	Week : 13	34.9	22	97	0.6
0506_01	2 mg/m3	Week : 13	24.6	22	244	0.7
0507_01	2 mg/m3	Week : 13	57.9	21	79	0.6
0508_01	2 mg/m3	Week : 13	9.6	19	77	0.6
0509_01	2 mg/m3	Week : 13	61.4	18	295	0.6
0510_01	2 mg/m3	Week : 13	82.4	23	191	0.7
0701_01	8 mg/m3	Week : 13	19	21	74	0.6
0702_01	8 mg/m3	Week : 13	64.3	24	118	0.6
0703_01	8 mg/m3	Week : 13	76.7	23	241	0.7
0704_01	8 mg/m3	Week : 13	39.7	29	244	0.7
0705_01	8 mg/m3	Week : 13	17.2	25	167	0.5
0706_01	8 mg/m3	Week : 13	39.4	19	197	0.7
0707_01	8 mg/m3	Week : 13	64.7	20	229	0.8
0708_01	8 mg/m3	Week : 13	15.3	22	264	0.6
0709_01	8 mg/m3	Week : 13	19.8	22	200	0.7
0710_01	8 mg/m3	Week : 13	29.2	19	158	0.5
0901_01	20 mg/m3	Week : 13	19.7	20	254	0.6
0902_01	20 mg/m3	Week : 13	79.3	23	194	0.6
0903_01	20 mg/m3	Week : 13	37.1	23	139	0.6
0904_01	20 mg/m3	Week : 13	19.6	23	223	0.6

Experiment Number: 61938-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:44:22

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0904_01	20 mg/m3	Week : 13	19.6	23	223	0.6
0905_01	20 mg/m3	Week : 13	15.3	22	279	0.7
0906_01	20 mg/m3	Week : 13	23.4	21	113	0.6
0907_01	20 mg/m3	Week : 13	34	18	93	0.6
0908_01	20 mg/m3	Week : 13	24.7	20	188	0.6
0909_01	20 mg/m3	Week : 13	14.4	21	74	0.6
0910_01	20 mg/m3	Week : 13	39	25	100	0.6
1101_01	50 mg/m3	Week : 13	17.4	25	115	0.6
1102_01	50 mg/m3	Week : 13	16.2	19	163	0.6
1103_01	50 mg/m3	Week : 13	15	19	212	0.5
1104_01	50 mg/m3	Week : 13	22.8	21	149	0.6
1105_01	50 mg/m3	Week : 13	31	24	79	0.6
1106_01	50 mg/m3	Week : 13	27.7	28	223	0.7
1107_01	50 mg/m3	Week : 13	11.8	19	135	0.5
1108_01	50 mg/m3	Week : 13	27.9	25	94	0.6
1109_01	50 mg/m3	Week : 13	28.5	15	76	0.6
1110_01	50 mg/m3	Week : 13	20.5	26	218	0.8



## FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
0101_01	0 mg/m3	Week : 13	2.2	144	6.2	16
0102_01	0 mg/m3	Week : 13	2.7	165	6.9	14
0103_01	0 mg/m3	Week : 13	2.7	125	6.8	14
0104_01	0 mg/m3	Week : 13	2.6	242	6.7	12
0105_01	0 mg/m3	Week : 13	2.6	123	6.5	14
0106_01	0 mg/m3	Week : 13	2.7	157	7.1	13
0107_01	0 mg/m3	Week : 13	2.6	136	6.6	14
0108_01	0 mg/m3	Week : 13	2.4	145	6.6	14
0109_01	0 mg/m3	Week : 13	2.1	206	6	15
0110_01	0 mg/m3	Week : 13	2.7	160	6.3	10
0301_01	0.5 mg/m3	Week : 13	2.3	152	6.4	14
0302_01	0.5 mg/m3	Week : 13	2.6	178	6.5	11
0303_01	0.5 mg/m3	Week : 13	2.6	190	6.7	11
0304_01	0.5 mg/m3	Week : 13	2.1	247	6.1	15
0305_01	0.5 mg/m3	Week : 13	2.4	198	6.3	12
0306_01	0.5 mg/m3	Week : 13	2.5	161	6.6	17
0307_01	0.5 mg/m3	Week : 13	2.5	173	6.5	13
0308_01	0.5 mg/m3	Week : 13	2.8	142	7.3	13
0309_01	0.5 mg/m3	Week : 13	2.8	149	6.9	13
0310_01	0.5 mg/m3	Week : 13	2.3	153	6.4	13
0501_01	2 mg/m3	Week : 13	2.3	140	6.2	8
0502_01	2 mg/m3	Week : 13	2.9	158	7	15

Experiment Number: 61938-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

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First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
0503_01	2 mg/m3	Week : 13	3.6	132	6.6	13
0504_01	2 mg/m3	Week : 13	2.8	139	6.8	17
0505_01	2 mg/m3	Week : 13	2.7	140	6.7	15
0506_01	2 mg/m3	Week : 13	2.7	99	6.8	16
0507_01	2 mg/m3	Week : 13	2.6	187	6.7	13
0508_01	2 mg/m3	Week : 13	2.5	177	6.8	11
0509_01	2 mg/m3	Week : 13	2.4	209	6.2	9
0510_01	2 mg/m3	Week : 13	2.3	194	6.3	12
0701_01	8 mg/m3	Week : 13	2.4	157	6.8	13
0702_01	8 mg/m3	Week : 13	2.5	222	6.5	14
0703_01	8 mg/m3	Week : 13	2.5	205	6.4	12
0704_01	8 mg/m3	Week : 13	2.1	175	5.9	11
0705_01	8 mg/m3	Week : 13	2.4	147	6.1	11
0706_01	8 mg/m3	Week : 13	2.1	101	6.3	16
0707_01	8 mg/m3	Week : 13	2.8	174	6.6	17
0708_01	8 mg/m3	Week : 13	2.5	156	6.5	13
0709_01	8 mg/m3	Week : 13	2.3	275	6.2	17
0710_01	8 mg/m3	Week : 13	3.5	131	6.8	13
0901_01	20 mg/m3	Week : 13	2.3	154	6.3	13
0902_01	20 mg/m3	Week : 13	2.5	223	6.7	14
0903_01	20 mg/m3	Week : 13	2.9	142	7.1	13
0904_01	20 mg/m3	Week : 13	2.6	136	6.9	13

Experiment Number: 61938-01

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First Dose M/F: NA / NA

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**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Glucose mg per dL	Protein Total g per dL	SDH IU per L
0905_01	20 mg/m3	Week : 13	2.5	147	6.4	11
0906_01	20 mg/m3	Week : 13	2.2	154	6.5	13
0907_01	20 mg/m3	Week : 13	1.4	143	5.8	13
0908_01	20 mg/m3	Week : 13	2.9	133	6.7	13
0909_01	20 mg/m3	Week : 13	2.6	142	6.8	11
0910_01	20 mg/m3	Week : 13	2.4	174	6.8	19
1101_01	50 mg/m3	Week : 13	2.9	135	7.1	17
1102_01	50 mg/m3	Week : 13	2.6	134	6.6	13
1103_01	50 mg/m3	Week : 13	2.3	166	6.3	12
1104_01	50 mg/m3	Week : 13	2.5	144	6.6	14
1105_01	50 mg/m3	Week : 13	2.2	235	5.8	13
1106_01	50 mg/m3	Week : 13	2.4	208	6.4	15
1107_01	50 mg/m3	Week : 13	2	117	6.1	12
1108_01	50 mg/m3	Week : 13	2.3	132	6.2	14
1109_01	50 mg/m3	Week : 13	2.2	148	6.3	15
1110_01	50 mg/m3	Week : 13	2.5	228	6.3	19

\*\* END OF REPORT \*\*