

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:28

First Dose M/F: NA / NA

Lab: NA

C Number: C62271

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:28

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_03	0 mg/m3	Week : 13	4.8	2.29	333	39
0002_03	0 mg/m3	Week : 13	4.6	2.09	365	43
0003_03	0 mg/m3	Week : 13	5	2.27	401	44
0004_03	0 mg/m3	Week : 13	4.5	2.05	321	41
0005_03	0 mg/m3	Week : 13	5	2.63	374	38
0006_03	0 mg/m3	Week : 13	4.8	2.4	280	36
0007_03	0 mg/m3	Week : 13	4.9	2.45	313	40
0008_03	0 mg/m3	Week : 13	5.1	2.43	306	39
0009_03	0 mg/m3	Week : 13	5	2.5	344	47
0010_03	0 mg/m3	Week : 13	4.7	1.88	348	43
0011_03	0 mg/m3	Day : 23	4.7	2.04	702	44
0012_03	0 mg/m3	Day : 23	4.6	2.19	547	38
0013_03	0 mg/m3	Day : 23	4.8	2.82	586	34
0014_03	0 mg/m3	Day : 23	4.5	2.05	582	42
0015_03	0 mg/m3	Day : 23	4.2	1.68	595	35
0016_03	0 mg/m3	Day : 23	4.5	1.96	695	46
0017_03	0 mg/m3	Day : 23	4.8	2	631	41
0018_03	0 mg/m3	Day : 23	4.8	2.53	614	40
0019_03	0 mg/m3	Day : 23	4.6	2.09	628	40
0020_03	0 mg/m3	Day : 23	4.7	2.14	569	36
0201_03	0.12 mg/m3	Week : 13	4.9	2.45	339	41
0202_03	0.12 mg/m3	Week : 13	4.8	2	343	43

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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
0203_03	0.12 mg/m3	Week : 13	5	2.63	350	39
0204_03	0.12 mg/m3	Week : 13	4.5	2.37	322	44
0205_03	0.12 mg/m3	Week : 13	4.6	1.84	416	40
0206_03	0.12 mg/m3	Week : 13	4.8	2.4	338	40
0207_03	0.12 mg/m3	Week : 13	4.7	1.88	299	44
0208_03	0.12 mg/m3	Week : 13	5.2	2.26	341	46
0209_03	0.12 mg/m3	Week : 13	4.7	1.96	354	54
0210_03	0.12 mg/m3	Week : 13	4.9	2.04	306	39
0211_03	0.12 mg/m3	Day : 23	4.6	2.3	534	35
0212_03	0.12 mg/m3	Day : 23	4.9	2.45	634	44
0213_03	0.12 mg/m3	Day : 23	4.4	2.44	582	39
0214_03	0.12 mg/m3	Day : 23	4.8	2.4	513	40
0215_03	0.12 mg/m3	Day : 23	4.4	2.2	552	36
0216_03	0.12 mg/m3	Day : 23	4.4	2	569	40
0217_03	0.12 mg/m3	Day : 23	4.3	2.15	632	37
0218_03	0.12 mg/m3	Day : 23	4.9	2.33	535	38
0219_03	0.12 mg/m3	Day : 23	4.4	2.2	586	34
0220_03	0.12 mg/m3	Day : 23	4.7	2.14	567	49
0401_03	0.48 mg/m3	Week : 13	4.4	1.69	356	38
0402_03	0.48 mg/m3	Week : 13	4.9	1.96	378	100
0403_03	0.48 mg/m3	Week : 13	4.5	2.05	321	44
0404_03	0.48 mg/m3	Week : 13	4.7	2.04	370	40

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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
0405_03	0.48 mg/m3	Week : 13	4.7	1.96	375	41
0406_03	0.48 mg/m3	Week : 13	5	2.08	404	41
0407_03	0.48 mg/m3	Week : 13	4.7	2.24	335	40
0408_03	0.48 mg/m3	Week : 13	4.4	1.83	306	44
0409_03	0.48 mg/m3	Week : 13	4.7	2.24	321	41
0410_03	0.48 mg/m3	Week : 13	4.6	2.42	308	36
0411_03	0.48 mg/m3	Day : 23	4.4	2.2	573	42
0412_03	0.48 mg/m3	Day : 23	4.5	2.5	642	41
0413_03	0.48 mg/m3	Day : 23	4.7	2.47	583	41
0414_03	0.48 mg/m3	Day : 23	4.3	2.15	568	39
0415_03	0.48 mg/m3	Day : 23	4.4	2.2	583	32
0416_03	0.48 mg/m3	Day : 23	4.5	2.5	484	34
0417_03	0.48 mg/m3	Day : 23	4.5	2.5	483	36
0418_03	0.48 mg/m3	Day : 23	4.5	2.5	448	37
0419_03	0.48 mg/m3	Day : 23	4.6	2.42	589	40
0420_03	0.48 mg/m3	Day : 23	4.3	2.15	503	37
0601_03	4.8 mg/m3	Week : 13	4.9	1.88	399	47
0602_03	4.8 mg/m3	Week : 13	5	2	375	48
0603_03	4.8 mg/m3	Week : 13	5	2.27	382	49
0604_03	4.8 mg/m3	Week : 13	4.9	1.53	390	49
0605_03	4.8 mg/m3	Week : 13	4.8	2.09	339	45
0606_03	4.8 mg/m3	Week : 13	5.1	2.83	259	42

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0607_03	4.8 mg/m3	Week : 13	5.1	1.82	432	46
0608_03	4.8 mg/m3	Week : 13	5.3	2.3	438	57
0609_03	4.8 mg/m3	Week : 13	4.9	2.13	333	44
0610_03	4.8 mg/m3	Week : 13	5	2.38	341	47
0611_03	4.8 mg/m3	Day : 23	4.4	2.59	534	33
0612_03	4.8 mg/m3	Day : 23	4.6	2.42	497	46
0613_03	4.8 mg/m3	Day : 23	4.2	2.33	544	34
0614_03	4.8 mg/m3	Day : 23	4.6	2.71	467	33
0615_03	4.8 mg/m3	Day : 23	4.5	2.37	519	39
0616_03	4.8 mg/m3	Day : 23	4.5	2.05	504	40
0617_03	4.8 mg/m3	Day : 23	4.9	2.58	577	41
0618_03	4.8 mg/m3	Day : 23	4.7	3.13	556	35
0619_03	4.8 mg/m3	Day : 23	4.8	2.67	519	37
0620_03	4.8 mg/m3	Day : 23	4.3	1.87	556	40
0801_03	24 mg/m3	Week : 13	4.8	2.29	407	58
0802_03	24 mg/m3	Week : 13	5	1.72	442	48
0803_03	24 mg/m3	Week : 13	5.2	2.26	401	54
0804_03	24 mg/m3	Week : 13	4.7	2.24	356	50
0805_03	24 mg/m3	Week : 13	5	2.17	358	59
0806_03	24 mg/m3	Week : 13	5.2	2.6	366	47
0807_03	24 mg/m3	Week : 13	5.2	2.08	372	68
0808_03	24 mg/m3	Week : 13	5.5	2.29	469	51

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MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0809_03	24 mg/m3	Week : 13	5.1	2.43	397	59
0810_03	24 mg/m3	Week : 13	5.6	2.95	399	48
0811_03	24 mg/m3	Day : 23	4.7	2.61	533	36
0812_03	24 mg/m3	Day : 23	4.8	3	527	41
0813_03	24 mg/m3	Day : 23	4.6	2.19	523	40
0814_03	24 mg/m3	Day : 23	4.6	2.56	532	34
0815_03	24 mg/m3	Day : 23	4.8	2.4	589	40
0816_03	24 mg/m3	Day : 23	4.5	2.65	525	34
0817_03	24 mg/m3	Day : 23	4.3	2.15	476	33
0818_03	24 mg/m3	Day : 23	4.6	2.42	509	37
0819_03	24 mg/m3	Day : 23	4.7	2.61	543	34
0820_03	24 mg/m3	Day : 23	4.7	2.47	515	36
1001_03	48 mg/m3	Week : 13	5	2.5	390	42
1002_03	48 mg/m3	Week : 13	4.9	2.23	368	55
1003_03	48 mg/m3	Week : 13	5	2	338	59
1004_03	48 mg/m3	Week : 13	5.1	1.65	393	42
1005_03	48 mg/m3	Week : 13	4.6	1.7	384	57
1006_03	48 mg/m3	Week : 13	4.8	1.6	580	54
1007_03	48 mg/m3	Week : 13	4.8	2.09	359	44
1008_03	48 mg/m3	Week : 13	5.1	2.22	407	54
1009_03	48 mg/m3	Week : 13	5.1	2.32	406	44
1010_03	48 mg/m3	Week : 13	5	2.17	384	56

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Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1011_03	48 mg/m3	Day : 23	4.3	2.39	505	37
1012_03	48 mg/m3	Day : 23	4.4	2.44	519	36
1013_03	48 mg/m3	Day : 23	4.7	2.35	550	49
1014_03	48 mg/m3	Day : 23	4.7	2.04	591	43
1015_03	48 mg/m3	Day : 23	4.6	2.56	472	48
1016_03	48 mg/m3	Day : 23	4.5	2.5	448	36
1017_03	48 mg/m3	Day : 23	4.3	2.05	493	36
1018_03	48 mg/m3	Day : 23	4.7	2.47	487	36
1019_03	48 mg/m3	Day : 23	4.4	2.1	498	41
1020_03	48 mg/m3	Day : 23	4.7	2.76	546	39

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_03	0 mg/m3	Week : 13	15	20	66	0.8
0002_03	0 mg/m3	Week : 13	14	21	60	0.7
0003_03	0 mg/m3	Week : 13	14	21	78	0.8
0004_03	0 mg/m3	Week : 13	14	19	131	0.7
0005_03	0 mg/m3	Week : 13	15	19	107	0.7
0006_03	0 mg/m3	Week : 13	16	17	62	0.7
0007_03	0 mg/m3	Week : 13	14	19	66	0.7
0008_03	0 mg/m3	Week : 13	14	20	98	0.8
0009_03	0 mg/m3	Week : 13	19	19	71	0.7
0010_03	0 mg/m3	Week : 13	17	19	93	0.7
0011_03	0 mg/m3	Day : 23	20	23	281	0.6
0012_03	0 mg/m3	Day : 23	22	18	336	0.7
0013_03	0 mg/m3	Day : 23	20	16	206	0.7
0014_03	0 mg/m3	Day : 23	23	19	424	0.7
0015_03	0 mg/m3	Day : 23	26	15	283	0.7
0016_03	0 mg/m3	Day : 23	27	22	426	0.7
0017_03	0 mg/m3	Day : 23	32	19	231	0.8
0018_03	0 mg/m3	Day : 23	24	18	390	0.7
0019_03	0 mg/m3	Day : 23	22	18	217	0.7
0020_03	0 mg/m3	Day : 23	29	16	173	0.7
0201_03	0.12 mg/m3	Week : 13	13	21	84	0.6
0202_03	0.12 mg/m3	Week : 13	14	21	91	0.7

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
0203_03	0.12 mg/m3	Week : 13	15	19	81	0.7
0204_03	0.12 mg/m3	Week : 13	26	23	86	0.7
0205_03	0.12 mg/m3	Week : 13	14	23	166	0.7
0206_03	0.12 mg/m3	Week : 13	16	22	79	0.7
0207_03	0.12 mg/m3	Week : 13	15	24	155	0.8
0208_03	0.12 mg/m3	Week : 13	16	24	96	0.8
0209_03	0.12 mg/m3	Week : 13	23	23	119	0.8
0210_03	0.12 mg/m3	Week : 13	21	22	96	0.7
0211_03	0.12 mg/m3	Day : 23	26	12	215	0.7
0212_03	0.12 mg/m3	Day : 23	25	18	274	0.7
0213_03	0.12 mg/m3	Day : 23	22	14	325	0.7
0214_03	0.12 mg/m3	Day : 23	25	16	227	0.7
0215_03	0.12 mg/m3	Day : 23	19	17	211	0.7
0216_03	0.12 mg/m3	Day : 23	26	16	692	0.6
0217_03	0.12 mg/m3	Day : 23	25	16	487	0.7
0218_03	0.12 mg/m3	Day : 23	28	18	210	0.7
0219_03	0.12 mg/m3	Day : 23	21	17	245	0.7
0220_03	0.12 mg/m3	Day : 23	30	18	283	0.7
0401_03	0.48 mg/m3	Week : 13	15	21	133	0.7
0402_03	0.48 mg/m3	Week : 13	19	24	106	0.8
0403_03	0.48 mg/m3	Week : 13	16	20	150	0.7
0404_03	0.48 mg/m3	Week : 13	18	21	88	0.7

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
0404_03	0.48 mg/m3	Week : 13	18	21	88	0.7
0405_03	0.48 mg/m3	Week : 13	15	23	88	0.7
0406_03	0.48 mg/m3	Week : 13	14	26	107	0.8
0407_03	0.48 mg/m3	Week : 13	14	21	139	0.7
0408_03	0.48 mg/m3	Week : 13	15	20	107	0.7
0409_03	0.48 mg/m3	Week : 13	15	22	122	0.7
0410_03	0.48 mg/m3	Week : 13	11	20	87	0.7
0411_03	0.48 mg/m3	Day : 23	23	16	355	0.6
0412_03	0.48 mg/m3	Day : 23	27	16	700	0.6
0413_03	0.48 mg/m3	Day : 23	23	16	221	0.7
0414_03	0.48 mg/m3	Day : 23	20	17	298	0.7
0415_03	0.48 mg/m3	Day : 23	38	14	260	0.7
0416_03	0.48 mg/m3	Day : 23	21	16	178	0.6
0417_03	0.48 mg/m3	Day : 23	20	14	670	0.7
0418_03	0.48 mg/m3	Day : 23	17	16	192	0.7
0419_03	0.48 mg/m3	Day : 23	21	16	220	0.7
0420_03	0.48 mg/m3	Day : 23	21	14	422	0.7
0601_03	4.8 mg/m3	Week : 13	19	26	205	0.8
0602_03	4.8 mg/m3	Week : 13	17	26	212	0.8
0603_03	4.8 mg/m3	Week : 13	15	26	112	0.8
0604_03	4.8 mg/m3	Week : 13	16	23	111	0.9
0605_03	4.8 mg/m3	Week : 13	16	25	132	0.8

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
0606_03	4.8 mg/m3	Week : 13	15	19	73	0.7
0607_03	4.8 mg/m3	Week : 13	13	24	117	0.9
0608_03	4.8 mg/m3	Week : 13	19	27	99	0.8
0609_03	4.8 mg/m3	Week : 13	14	24	115	0.8
0610_03	4.8 mg/m3	Week : 13	14	22	72	0.7
0611_03	4.8 mg/m3	Day : 23	21	16	345	0.7
0612_03	4.8 mg/m3	Day : 23	34	16	743	0.6
0613_03	4.8 mg/m3	Day : 23	18	14	389	0.6
0614_03	4.8 mg/m3	Day : 23	24	16	224	0.6
0615_03	4.8 mg/m3	Day : 23	21	17	205	0.8
0616_03	4.8 mg/m3	Day : 23	34	15	315	0.7
0617_03	4.8 mg/m3	Day : 23	43	16	542	0.7
0618_03	4.8 mg/m3	Day : 23	23	18	184	0.6
0619_03	4.8 mg/m3	Day : 23	25	17	192	0.7
0620_03	4.8 mg/m3	Day : 23	29	19	199	0.7
0801_03	24 mg/m3	Week : 13	15	22	131	0.8
0802_03	24 mg/m3	Week : 13	18	24	99	0.8
0803_03	24 mg/m3	Week : 13	18	26	87	0.8
0804_03	24 mg/m3	Week : 13	19	23	126	0.7
0805_03	24 mg/m3	Week : 13	17	24	86	0.7
0806_03	24 mg/m3	Week : 13	15	26	93	0.8
0807_03	24 mg/m3	Week : 13	20	27	103	0.7

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
0807_03	24 mg/m3	Week : 13	20	27	103	0.7
0808_03	24 mg/m3	Week : 13	16	29	128	0.8
0809_03	24 mg/m3	Week : 13	19	25	86	0.7
0810_03	24 mg/m3	Week : 13	22	25	99	0.7
0811_03	24 mg/m3	Day : 23	21	15	188	0.7
0812_03	24 mg/m3	Day : 23	23	15	307	0.7
0813_03	24 mg/m3	Day : 23	19	15	494	0.7
0814_03	24 mg/m3	Day : 23	20	16	277	0.7
0815_03	24 mg/m3	Day : 23	22	17	244	0.7
0816_03	24 mg/m3	Day : 23	21	14	262	0.7
0817_03	24 mg/m3	Day : 23	17	13	218	0.7
0818_03	24 mg/m3	Day : 23	21	15	178	0.7
0819_03	24 mg/m3	Day : 23	47	14	299	0.7
0820_03	24 mg/m3	Day : 23	21	14	185	0.7
1001_03	48 mg/m3	Week : 13	13	24	100	0.7
1002_03	48 mg/m3	Week : 13	16	23	78	0.7
1003_03	48 mg/m3	Week : 13	31	23	85	0.7
1004_03	48 mg/m3	Week : 13	25	25	82	0.8
1005_03	48 mg/m3	Week : 13	16	24	116	0.8
1006_03	48 mg/m3	Week : 13	15	22	111	0.7
1007_03	48 mg/m3	Week : 13	15	25	84	0.8
1008_03	48 mg/m3	Week : 13	16	24	130	0.8

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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	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1009_03	48 mg/m3	Week : 13	18	27	124	0.8
1010_03	48 mg/m3	Week : 13	20	26	87	0.8
1011_03	48 mg/m3	Day : 23	19	12	255	0.6
1012_03	48 mg/m3	Day : 23	17	12	266	0.7
1013_03	48 mg/m3	Day : 23	25	15	245	0.7
1014_03	48 mg/m3	Day : 23	25	12	296	0.7
1015_03	48 mg/m3	Day : 23	29	14	355	0.7
1016_03	48 mg/m3	Day : 23	21	13	431	0.7
1017_03	48 mg/m3	Day : 23	17	13	211	0.7
1018_03	48 mg/m3	Day : 23	23	13	257	0.7
1019_03	48 mg/m3	Day : 23	27	12	264	0.8
1020_03	48 mg/m3	Day : 23	23	12	231	0.7

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0001_03	0 mg/m3	Week : 13	2.1	115	6.9	14
0002_03	0 mg/m3	Week : 13	2.2	157	6.8	14
0003_03	0 mg/m3	Week : 13	2.2	147	7.2	14
0004_03	0 mg/m3	Week : 13	2.2	130	6.7	18
0005_03	0 mg/m3	Week : 13	1.9	145	6.9	16
0006_03	0 mg/m3	Week : 13	2	119	6.8	12
0007_03	0 mg/m3	Week : 13	2	117	6.9	13
0008_03	0 mg/m3	Week : 13	2.1	140	7.2	17
0009_03	0 mg/m3	Week : 13	2	151	7	18
0010_03	0 mg/m3	Week : 13	2.5	111	7.2	16
0011_03	0 mg/m3	Day : 23	2.3		7	15
0012_03	0 mg/m3	Day : 23	2.1		6.7	16
0013_03	0 mg/m3	Day : 23	1.7		6.5	15
0014_03	0 mg/m3	Day : 23	2.2		6.7	16
0015_03	0 mg/m3	Day : 23	2.5		6.7	18
0016_03	0 mg/m3	Day : 23	2.3		6.8	19
0017_03	0 mg/m3	Day : 23	2.4		7.2	21
0018_03	0 mg/m3	Day : 23	1.9		6.7	18
0019_03	0 mg/m3	Day : 23	2.2		6.8	18
0020_03	0 mg/m3	Day : 23	2.2		6.9	16
0201_03	0.12 mg/m3	Week : 13	2		6.9	14
0202_03	0.12 mg/m3	Week : 13	2.4		7.2	17

Experiment Number: 05202-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:16:29

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0203_03	0.12 mg/m3	Week : 13	1.9		6.9	14
0204_03	0.12 mg/m3	Week : 13	1.9		6.4	16
0205_03	0.12 mg/m3	Week : 13	2.5		7.1	18
0206_03	0.12 mg/m3	Week : 13	2		6.8	15
0207_03	0.12 mg/m3	Week : 13	2.5		7.2	18
0208_03	0.12 mg/m3	Week : 13	2.3		7.5	19
0209_03	0.12 mg/m3	Week : 13	2.4		7.1	18
0210_03	0.12 mg/m3	Week : 13	2.4		7.3	16
0211_03	0.12 mg/m3	Day : 23	2		6.6	17
0212_03	0.12 mg/m3	Day : 23	2		6.9	20
0213_03	0.12 mg/m3	Day : 23	1.8		6.2	16
0214_03	0.12 mg/m3	Day : 23	2		6.8	20
0215_03	0.12 mg/m3	Day : 23	2		6.4	18
0216_03	0.12 mg/m3	Day : 23	2.2		6.6	15
0217_03	0.12 mg/m3	Day : 23	2		6.3	16
0218_03	0.12 mg/m3	Day : 23	2.1		7	18
0219_03	0.12 mg/m3	Day : 23	2		6.4	14
0220_03	0.12 mg/m3	Day : 23	2.2		6.9	24
0401_03	0.48 mg/m3	Week : 13	2.6		7	17
0402_03	0.48 mg/m3	Week : 13	2.5		7.4	44
0403_03	0.48 mg/m3	Week : 13	2.2		6.7	16
0404_03	0.48 mg/m3	Week : 13	2.3		7	15

Experiment Number: 05202-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:16:29

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0405_03	0.48 mg/m3	Week : 13	2.4		7.1	16
0406_03	0.48 mg/m3	Week : 13	2.4		7.4	19
0407_03	0.48 mg/m3	Week : 13	2.1		6.8	18
0408_03	0.48 mg/m3	Week : 13	2.4		6.8	18
0409_03	0.48 mg/m3	Week : 13	2.1		6.8	18
0410_03	0.48 mg/m3	Week : 13	1.9		6.5	15
0411_03	0.48 mg/m3	Day : 23	2		6.4	17
0412_03	0.48 mg/m3	Day : 23	1.8		6.3	14
0413_03	0.48 mg/m3	Day : 23	1.9		6.6	19
0414_03	0.48 mg/m3	Day : 23	2		6.3	19
0415_03	0.48 mg/m3	Day : 23	2		6.4	18
0416_03	0.48 mg/m3	Day : 23	1.8		6.3	15
0417_03	0.48 mg/m3	Day : 23	1.8		6.3	17
0418_03	0.48 mg/m3	Day : 23	1.8		6.3	16
0419_03	0.48 mg/m3	Day : 23	1.9		6.5	16
0420_03	0.48 mg/m3	Day : 23	2		6.3	16
0601_03	4.8 mg/m3	Week : 13	2.6	147	7.5	20
0602_03	4.8 mg/m3	Week : 13	2.5	154	7.5	20
0603_03	4.8 mg/m3	Week : 13	2.2	152	7.2	19
0604_03	4.8 mg/m3	Week : 13	3.2	121	8.1	20
0605_03	4.8 mg/m3	Week : 13	2.3	132	7.1	18
0606_03	4.8 mg/m3	Week : 13	1.8	122	6.9	18

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0607_03	4.8 mg/m3	Week : 13	2.8	157	7.9	18
0608_03	4.8 mg/m3	Week : 13	2.3	139	7.6	21
0609_03	4.8 mg/m3	Week : 13	2.3	160	7.2	21
0610_03	4.8 mg/m3	Week : 13	2.1	123	7.1	17
0611_03	4.8 mg/m3	Day : 23	1.7		6.1	13
0612_03	4.8 mg/m3	Day : 23	1.9		6.5	15
0613_03	4.8 mg/m3	Day : 23	1.8		6	15
0614_03	4.8 mg/m3	Day : 23	1.7		6.3	18
0615_03	4.8 mg/m3	Day : 23	1.9		6.4	17
0616_03	4.8 mg/m3	Day : 23	2.2		6.7	17
0617_03	4.8 mg/m3	Day : 23	1.9		6.8	16
0618_03	4.8 mg/m3	Day : 23	1.5		6.2	13
0619_03	4.8 mg/m3	Day : 23	1.8		6.6	17
0620_03	4.8 mg/m3	Day : 23	2.3		6.6	18
0801_03	24 mg/m3	Week : 13	2.1	141	6.9	25
0802_03	24 mg/m3	Week : 13	2.9	142	7.9	18
0803_03	24 mg/m3	Week : 13	2.3	144	7.5	21
0804_03	24 mg/m3	Week : 13	2.1	135	6.8	18
0805_03	24 mg/m3	Week : 13	2.3	141	7.3	20
0806_03	24 mg/m3	Week : 13	2	179	7.2	18
0807_03	24 mg/m3	Week : 13	2.5	149	7.7	27
0808_03	24 mg/m3	Week : 13	2.4	160	7.9	21

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0809_03	24 mg/m3	Week : 13	2.1	138	7.2	21
0810_03	24 mg/m3	Week : 13	1.9	162	7.5	18
0811_03	24 mg/m3	Day : 23	1.8		6.5	17
0812_03	24 mg/m3	Day : 23	1.6		6.4	15
0813_03	24 mg/m3	Day : 23	2.1		6.7	14
0814_03	24 mg/m3	Day : 23	1.8		6.4	16
0815_03	24 mg/m3	Day : 23	2		6.8	17
0816_03	24 mg/m3	Day : 23	1.7		6.2	16
0817_03	24 mg/m3	Day : 23	2		6.3	16
0818_03	24 mg/m3	Day : 23	1.9		6.5	18
0819_03	24 mg/m3	Day : 23	1.8		6.5	15
0820_03	24 mg/m3	Day : 23	1.9		6.6	16
1001_03	48 mg/m3	Week : 13	2	138	7	17
1002_03	48 mg/m3	Week : 13	2.2	135	7.1	21
1003_03	48 mg/m3	Week : 13	2.5	147	7.5	24
1004_03	48 mg/m3	Week : 13	3.1	180	8.2	14
1005_03	48 mg/m3	Week : 13	2.7	132	7.3	25
1006_03	48 mg/m3	Week : 13	3	150	7.8	17
1007_03	48 mg/m3	Week : 13	2.3	139	7.1	14
1008_03	48 mg/m3	Week : 13	2.3	133	7.4	21
1009_03	48 mg/m3	Week : 13	2.2	134	7.3	16
1010_03	48 mg/m3	Week : 13	2.3	176	7.3	19

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
1011_03	48 mg/m3	Day : 23	1.8		6.1	15
1012_03	48 mg/m3	Day : 23	1.8		6.2	16
1013_03	48 mg/m3	Day : 23	2		6.7	20
1014_03	48 mg/m3	Day : 23	2.3		7	17
1015_03	48 mg/m3	Day : 23	1.8		6.4	10
1016_03	48 mg/m3	Day : 23	1.8		6.3	16
1017_03	48 mg/m3	Day : 23	2.1		6.4	15
1018_03	48 mg/m3	Day : 23	1.9		6.6	14
1019_03	48 mg/m3	Day : 23	2.1		6.5	24
1020_03	48 mg/m3	Day : 23	1.7		6.4	14

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

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_03	0 mg/m3	Week : 13	5.2	2.89	346	40
0102_03	0 mg/m3	Week : 13	5.9	2.81	374	49
0103_03	0 mg/m3	Week : 13	5	2.08	340	73
0104_03	0 mg/m3	Week : 13	5.3	2.65	354	45
0105_03	0 mg/m3	Week : 13	5.4	2.25	307	44
0106_03	0 mg/m3	Week : 13	5	2.17	308	35
0107_03	0 mg/m3	Week : 13	5.3	2.21	326	42
0108_03	0 mg/m3	Week : 13	5.4	2.57	230	33
0109_03	0 mg/m3	Week : 13	4.7	2.47	298	42
0110_03	0 mg/m3	Week : 13	5.4	3	323	43
0111_03	0 mg/m3	Day : 23	4.8	3	522	36
0112_03	0 mg/m3	Day : 23	4.9	2.72	481	43
0113_03	0 mg/m3	Day : 23	4.8	2.29	363	32
0114_03	0 mg/m3	Day : 23	4.3	1.95	406	39
0115_03	0 mg/m3	Day : 23	4.8	2.82	442	37
0116_03	0 mg/m3	Day : 23	4.6	2.71	396	28
0117_03	0 mg/m3	Day : 23	5	2.63	402	31
0118_03	0 mg/m3	Day : 23	4.5	2.5	421	29
0119_03	0 mg/m3	Day : 23	4.5	2.65	486	35
0120_03	0 mg/m3	Day : 23	4.2	2.21	344	26
0301_03	0.12 mg/m3	Week : 13	5.3	2.3	396	54
0302_03	0.12 mg/m3	Week : 13	5.3	2.65	381	42

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

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
0303_03	0.12 mg/m3	Week : 13	5.3	2.41	186	36
0304_03	0.12 mg/m3	Week : 13	5.3	2.79	354	35
0305_03	0.12 mg/m3	Week : 13	5.5	2.75	346	42
0306_03	0.12 mg/m3	Week : 13	5.3	2.52	335	40
0307_03	0.12 mg/m3	Week : 13	4.9	2.23	399	52
0308_03	0.12 mg/m3	Week : 13	4.9	2.23	468	43
0309_03	0.12 mg/m3	Week : 13	5.2	2.36	360	41
0310_03	0.12 mg/m3	Week : 13	4.7	2.35	395	41
0311_03	0.12 mg/m3	Day : 23	4.1	2.05	406	40
0312_03	0.12 mg/m3	Day : 23	4.7	2.76	478	36
0313_03	0.12 mg/m3	Day : 23	4.2	2.33	548	36
0314_03	0.12 mg/m3	Day : 23	4.6	2.88	389	40
0315_03	0.12 mg/m3	Day : 23	4.8	3.2	471	31
0316_03	0.12 mg/m3	Day : 23	4.5	2.37	405	33
0317_03	0.12 mg/m3	Day : 23	4.2	2.33	491	35
0318_03	0.12 mg/m3	Day : 23	4.3	2.39	394	33
0319_03	0.12 mg/m3	Day : 23	4.5	2.37	372	31
0320_03	0.12 mg/m3	Day : 23	4.7	3.13	382	34
0501_03	0.48 mg/m3	Week : 13	5.1	2.12	339	47
0502_03	0.48 mg/m3	Week : 13	5.2	2.6	305	50
0503_03	0.48 mg/m3	Week : 13	5.2	2.89	351	50
0504_03	0.48 mg/m3	Week : 13	5.4	3.18	286	45

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

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
0505_03	0.48 mg/m3	Week : 13	4.8	2.18	326	43
0506_03	0.48 mg/m3	Week : 13	5	2.38	361	49
0507_03	0.48 mg/m3	Week : 13	5.3	3.12	293	53
0508_03	0.48 mg/m3	Week : 13	5	2	412	57
0509_03	0.48 mg/m3	Week : 13	5.5	2.5	380	52
0510_03	0.48 mg/m3	Week : 13	4.5	2.14	326	50
0511_03	0.48 mg/m3	Day : 23	4.3	2.26	456	37
0512_03	0.48 mg/m3	Day : 23	4.2	2.63	370	28
0513_03	0.48 mg/m3	Day : 23	4.5	2.14	453	34
0514_03	0.48 mg/m3	Day : 23	4.6	2.3	332	34
0515_03	0.48 mg/m3	Day : 23	4.6	2.71	519	28
0516_03	0.48 mg/m3	Day : 23	4.5	2.81	372	30
0517_03	0.48 mg/m3	Day : 23	4	2.5	440	29
0518_03	0.48 mg/m3	Day : 23	4.2	2.21	467	32
0519_03	0.48 mg/m3	Day : 23	4.5	2.81	374	29
0520_03	0.48 mg/m3	Day : 23	4.4	2.75	431	36
0701_03	4.8 mg/m3	Week : 13	5	2.27	323	42
0702_03	4.8 mg/m3	Week : 13	5.2	2.48	291	36
0703_03	4.8 mg/m3	Week : 13	5.6	2.55	322	54
0704_03	4.8 mg/m3	Week : 13	5.3	2.41	298	41
0705_03	4.8 mg/m3	Week : 13	5	2.08	318	68
0706_03	4.8 mg/m3	Week : 13	5.1	2.12	313	60

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

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
0707_03	4.8 mg/m3	Week : 13	5.3	2.52	308	49
0708_03	4.8 mg/m3	Week : 13	5.3	2.52	351	37
0709_03	4.8 mg/m3	Week : 13	4.9	2.13	463	69
0710_03	4.8 mg/m3	Week : 13	5.3	2.79	367	59
0711_03	4.8 mg/m3	Day : 23	4.1	2.41	434	36
0712_03	4.8 mg/m3	Day : 23	4.4	2.75	412	34
0713_03	4.8 mg/m3	Day : 23	4.5	2.14	431	31
0714_03	4.8 mg/m3	Day : 23	4.2	2.21	424	43
0715_03	4.8 mg/m3	Day : 23	4.4	2.75	415	31
0716_03	4.8 mg/m3	Day : 23	4.3	2.26	418	30
0717_03	4.8 mg/m3	Day : 23	4.3	2.39	454	38
0718_03	4.8 mg/m3	Day : 23	4.2	2.63	382	27
0719_03	4.8 mg/m3	Day : 23	4.5	3.21	355	29
0720_03	4.8 mg/m3	Day : 23	4.2	2.47	411	31
0901_03	24 mg/m3	Week : 13	5.3	2.65	332	46
0902_03	24 mg/m3	Week : 13	5.2	2.48	372	46
0903_03	24 mg/m3	Week : 13	5.5	2.75	353	51
0904_03	24 mg/m3	Week : 13	4.7	2.04	350	49
0905_03	24 mg/m3	Week : 13	4.8	2.29	295	48
0906_03	24 mg/m3	Week : 13	5.6	2.55	323	64
0907_03	24 mg/m3	Week : 13	5.2	2.48	358	41
0908_03	24 mg/m3	Week : 13	5.2	2.36	293	65

Experiment Number: 05202-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:16:29

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
0909_03	24 mg/m3	Week : 13	5.6	3.73	238	54
0910_03	24 mg/m3	Week : 13	5.4	2.57	387	52
0911_03	24 mg/m3	Day : 23	4.3	2.69	366	36
0912_03	24 mg/m3	Day : 23	4.3	2.53	351	33
0913_03	24 mg/m3	Day : 23	4.4	2.75	471	32
0914_03	24 mg/m3	Day : 23	4.9	3.06	496	31
0915_03	24 mg/m3	Day : 23	4.6	2.71	385	30
0916_03	24 mg/m3	Day : 23	4.6	3.83	390	48
0917_03	24 mg/m3	Day : 23	4.2	3.5	390	31
0918_03	24 mg/m3	Day : 23	4.7	3.36	454	29
0919_03	24 mg/m3	Day : 23	4.3	3.07	401	37
0920_03	24 mg/m3	Day : 23	4.2	2.8	394	28
1101_03	48 mg/m3	Week : 13	5.3	2.52	356	39
1102_03	48 mg/m3	Week : 13	4.8	2.18	282	52
1103_03	48 mg/m3	Week : 13	5.3	2.52	377	69
1104_03	48 mg/m3	Week : 13	5.5	2.29	337	42
1105_03	48 mg/m3	Week : 13	5.2	2.36	396	39
1106_03	48 mg/m3	Week : 13	5.5	2.75	328	47
1107_03	48 mg/m3	Week : 13	5.2	2.08	373	50
1108_03	48 mg/m3	Week : 13	5.6	2.67	294	48
1109_03	48 mg/m3	Week : 13	5.6	2.8	308	50
1110_03	48 mg/m3	Week : 13	4.8	2.67	282	41

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

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
1111_03	48 mg/m3	Day : 23	4.3	2.87	375	36
1112_03	48 mg/m3	Day : 23	4.3	2.69	362	35
1113_03	48 mg/m3	Day : 23	4.5	2.25	382	28
1114_03	48 mg/m3	Day : 23	4.1	2.16	398	35
1115_03	48 mg/m3	Day : 23	4.3	3.07	360	38
1116_03	48 mg/m3	Day : 23	4.6	3.07	366	28
1117_03	48 mg/m3	Day : 23	4.1	2.73	581	33
1118_03	48 mg/m3	Day : 23	4.1	2.73	380	29
1119_03	48 mg/m3	Day : 23	4.2	2.63	370	30
1120_03	48 mg/m3	Day : 23	4.4	2.75	372	34

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_03	0 mg/m3	Week : 13	13	32	110	0.8
0102_03	0 mg/m3	Week : 13	13	23	74	0.7
0103_03	0 mg/m3	Week : 13	29	24	178	0.8
0104_03	0 mg/m3	Week : 13	37	25	500	0.8
0105_03	0 mg/m3	Week : 13	14	22	256	0.8
0106_03	0 mg/m3	Week : 13	32	24	88	0.8
0107_03	0 mg/m3	Week : 13	21	20	135	0.9
0108_03	0 mg/m3	Week : 13	17	21	69	0.8
0109_03	0 mg/m3	Week : 13	26	22	400	0.8
0110_03	0 mg/m3	Week : 13	46	25	201	0.8
0111_03	0 mg/m3	Day : 23	14	16	407	0.7
0112_03	0 mg/m3	Day : 23	48	18	304	0.9
0113_03	0 mg/m3	Day : 23	18	16	294	0.9
0114_03	0 mg/m3	Day : 23	26	15	442	0.8
0115_03	0 mg/m3	Day : 23	20	15	1214*	0.8
0116_03	0 mg/m3	Day : 23	15	14	209	0.9
0117_03	0 mg/m3	Day : 23	17	18	265	0.8
0118_03	0 mg/m3	Day : 23	17	17	284	0.7
0119_03	0 mg/m3	Day : 23	17	16	516	0.8
0120_03	0 mg/m3	Day : 23	15	15	174	0.7
0301_03	0.12 mg/m3	Week : 13	30	22	161	0.8
0302_03	0.12 mg/m3	Week : 13	28	25	183	0.8

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
0303_03	0.12 mg/m3	Week : 13	11	21	164	0.7
0304_03	0.12 mg/m3	Week : 13	29	21	95	0.8
0305_03	0.12 mg/m3	Week : 13	14	24	88	0.7
0306_03	0.12 mg/m3	Week : 13	7	22	108	0.7
0307_03	0.12 mg/m3	Week : 13	41	23	235	0.8
0308_03	0.12 mg/m3	Week : 13	17	23	117	0.8
0309_03	0.12 mg/m3	Week : 13	20	20	197	0.8
0310_03	0.12 mg/m3	Week : 13	16	24	106	0.8
0311_03	0.12 mg/m3	Day : 23	16	18	392	0.7
0312_03	0.12 mg/m3	Day : 23	21	18	220	0.8
0313_03	0.12 mg/m3	Day : 23	15	21	431	0.7
0314_03	0.12 mg/m3	Day : 23	16	17	249	0.8
0315_03	0.12 mg/m3	Day : 23	16	19	382	0.8
0316_03	0.12 mg/m3	Day : 23	16	17	299	0.8
0317_03	0.12 mg/m3	Day : 23	14	19	192	0.8
0318_03	0.12 mg/m3	Day : 23	13	16	158	0.8
0319_03	0.12 mg/m3	Day : 23	28	19	156	0.9
0320_03	0.12 mg/m3	Day : 23	16	18	186	0.7
0501_03	0.48 mg/m3	Week : 13	12	23	97	0.7
0502_03	0.48 mg/m3	Week : 13	13	22	149	0.7
0503_03	0.48 mg/m3	Week : 13	16	24	185	0.8
0504_03	0.48 mg/m3	Week : 13	17	21	62	0.8

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
0504_03	0.48 mg/m3	Week : 13	17	21	62	0.8
0505_03	0.48 mg/m3	Week : 13	26	24	418	0.8
0506_03	0.48 mg/m3	Week : 13	35	26	93	0.8
0507_03	0.48 mg/m3	Week : 13	15	23	177	0.8
0508_03	0.48 mg/m3	Week : 13	21	26	64	0.8
0509_03	0.48 mg/m3	Week : 13	13	24	144	0.7
0510_03	0.48 mg/m3	Week : 13	14	20	173	0.7
0511_03	0.48 mg/m3	Day : 23	18	18	325	0.7
0512_03	0.48 mg/m3	Day : 23	14	13	367	0.7
0513_03	0.48 mg/m3	Day : 23	12	22	360	0.7
0514_03	0.48 mg/m3	Day : 23	24	18	189	0.7
0515_03	0.48 mg/m3	Day : 23	14	15	176	0.7
0516_03	0.48 mg/m3	Day : 23	14	16	237	0.7
0517_03	0.48 mg/m3	Day : 23	13	16	216	0.7
0518_03	0.48 mg/m3	Day : 23	16	17	424	0.7
0519_03	0.48 mg/m3	Day : 23	13	14	162	0.7
0520_03	0.48 mg/m3	Day : 23	21	21	169	0.7
0701_03	4.8 mg/m3	Week : 13	31	25	142	0.8
0702_03	4.8 mg/m3	Week : 13	34	20	529	0.8
0703_03	4.8 mg/m3	Week : 13	24	23	145	0.8
0704_03	4.8 mg/m3	Week : 13	15	21	179	0.7
0705_03	4.8 mg/m3	Week : 13	28	25	172	0.8

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
0706_03	4.8 mg/m3	Week : 13	24	23	319	0.8
0707_03	4.8 mg/m3	Week : 13	9	23	98	0.6
0708_03	4.8 mg/m3	Week : 13	21	23	129	0.8
0709_03	4.8 mg/m3	Week : 13	18	26	176	0.8
0710_03	4.8 mg/m3	Week : 13	20	26	127	0.9
0711_03	4.8 mg/m3	Day : 23	19	22	280	0.8
0712_03	4.8 mg/m3	Day : 23	15	18	192	0.8
0713_03	4.8 mg/m3	Day : 23	16	16	196	0.8
0714_03	4.8 mg/m3	Day : 23	23	20	195	0.7
0715_03	4.8 mg/m3	Day : 23	29	17	230	0.7
0716_03	4.8 mg/m3	Day : 23	15	19	397	0.7
0717_03	4.8 mg/m3	Day : 23	23	21	336	0.7
0718_03	4.8 mg/m3	Day : 23	14	13	285	0.7
0719_03	4.8 mg/m3	Day : 23	13	17	123	0.7
0720_03	4.8 mg/m3	Day : 23	17	19	261	0.8
0901_03	24 mg/m3	Week : 13	28	23	337	0.7
0902_03	24 mg/m3	Week : 13	14	26	83	0.7
0903_03	24 mg/m3	Week : 13	15	28	290	0.8
0904_03	24 mg/m3	Week : 13	17	24	145	0.9
0905_03	24 mg/m3	Week : 13	16	24	223	0.8
0906_03	24 mg/m3	Week : 13	15	28	165	0.9
0907_03	24 mg/m3	Week : 13	10	25	193	0.8

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
0907_03	24 mg/m3	Week : 13	10	25	193	0.8
0908_03	24 mg/m3	Week : 13	19	22	118	0.8
0909_03	24 mg/m3	Week : 13	11	20	160	0.7
0910_03	24 mg/m3	Week : 13	30	24	64	0.8
0911_03	24 mg/m3	Day : 23	13	20	247	0.7
0912_03	24 mg/m3	Day : 23	13	16	459	0.8
0913_03	24 mg/m3	Day : 23	39	15	396	0.7
0914_03	24 mg/m3	Day : 23	17	16	261	0.7
0915_03	24 mg/m3	Day : 23	14	17	273	0.7
0916_03	24 mg/m3	Day : 23	25	19	836	0.7
0917_03	24 mg/m3	Day : 23	13	16	287	0.8
0918_03	24 mg/m3	Day : 23	14	16	171	0.7
0919_03	24 mg/m3	Day : 23	12	13	165	0.7
0920_03	24 mg/m3	Day : 23	12	15	264	0.7
1101_03	48 mg/m3	Week : 13	18	24	180	0.7
1102_03	48 mg/m3	Week : 13	13	22	197	0.7
1103_03	48 mg/m3	Week : 13	24	24	194	0.8
1104_03	48 mg/m3	Week : 13	14	24	303	0.7
1105_03	48 mg/m3	Week : 13	14	25	181	0.8
1106_03	48 mg/m3	Week : 13	23	21	103	0.8
1107_03	48 mg/m3	Week : 13	9	22	108	0.8
1108_03	48 mg/m3	Week : 13	12	22	220	0.8

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

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
1109_03	48 mg/m3	Week : 13	15	24	67	0.8
1110_03	48 mg/m3	Week : 13	9	21	494	0.7
1111_03	48 mg/m3	Day : 23	14	17	273	0.7
1112_03	48 mg/m3	Day : 23	15	15	251	0.7
1113_03	48 mg/m3	Day : 23	12	18	250	0.7
1114_03	48 mg/m3	Day : 23	14	19	489	0.7
1115_03	48 mg/m3	Day : 23	16	19	424	0.7
1116_03	48 mg/m3	Day : 23	13	16	132	0.7
1117_03	48 mg/m3	Day : 23	35	11	441	0.6
1118_03	48 mg/m3	Day : 23	13	16	153	0.7
1119_03	48 mg/m3	Day : 23	21	15	244	0.7
1120_03	48 mg/m3	Day : 23	16	16	128	0.7

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:29

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0101_03	0 mg/m3	Week : 13	1.8	228	7	21
0102_03	0 mg/m3	Week : 13	2.1	241	8	23
0103_03	0 mg/m3	Week : 13	2.4	199	7.4	25
0104_03	0 mg/m3	Week : 13	2	239	7.3	17
0105_03	0 mg/m3	Week : 13	2.4	245	7.8	18
0106_03	0 mg/m3	Week : 13	2.3	249	7.3	16
0107_03	0 mg/m3	Week : 13	2.4	264	7.7	20
0108_03	0 mg/m3	Week : 13	2.1	240	7.5	14
0109_03	0 mg/m3	Week : 13	1.9	200	6.6	22
0110_03	0 mg/m3	Week : 13	1.8	188	7.2	18
0111_03	0 mg/m3	Day : 23	1.6		6.4	22
0112_03	0 mg/m3	Day : 23	1.8		6.7	25
0113_03	0 mg/m3	Day : 23	2.1		6.9	29
0114_03	0 mg/m3	Day : 23	2.2		6.5	23
0115_03	0 mg/m3	Day : 23	1.7		6.5	21
0116_03	0 mg/m3	Day : 23	1.7		6.3	23
0117_03	0 mg/m3	Day : 23	1.9		6.9	22
0118_03	0 mg/m3	Day : 23	1.8		6.3	20
0119_03	0 mg/m3	Day : 23	1.7		6.2	16
0120_03	0 mg/m3	Day : 23	1.9		6.1	19
0301_03	0.12 mg/m3	Week : 13	2.3		7.6	25
0302_03	0.12 mg/m3	Week : 13	2		7.3	18

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:30

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0303_03	0.12 mg/m3	Week : 13	2.2		7.5	13
0304_03	0.12 mg/m3	Week : 13	1.9		7.2	20
0305_03	0.12 mg/m3	Week : 13	2		7.5	22
0306_03	0.12 mg/m3	Week : 13	2.1		7.4	18
0307_03	0.12 mg/m3	Week : 13	2.2		7.1	24
0308_03	0.12 mg/m3	Week : 13	2.2		7.1	20
0309_03	0.12 mg/m3	Week : 13	2.2		7.4	21
0310_03	0.12 mg/m3	Week : 13	2		6.7	20
0311_03	0.12 mg/m3	Day : 23	2		6.1	16
0312_03	0.12 mg/m3	Day : 23	1.7		6.4	21
0313_03	0.12 mg/m3	Day : 23	1.8		6	13
0314_03	0.12 mg/m3	Day : 23	1.6		6.2	27
0315_03	0.12 mg/m3	Day : 23	1.5		6.3	17
0316_03	0.12 mg/m3	Day : 23	1.9		6.4	17
0317_03	0.12 mg/m3	Day : 23	1.8		6	17
0318_03	0.12 mg/m3	Day : 23	1.8		6.1	24
0319_03	0.12 mg/m3	Day : 23	1.9		6.4	24
0320_03	0.12 mg/m3	Day : 23	1.5		6.2	20
0501_03	0.48 mg/m3	Week : 13	2.4		7.5	20
0502_03	0.48 mg/m3	Week : 13	2		7.2	22
0503_03	0.48 mg/m3	Week : 13	1.8		7	23
0504_03	0.48 mg/m3	Week : 13	1.7		7.1	15

Experiment Number: 05202-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 13:16:30

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0505_03	0.48 mg/m3	Week : 13	2.2		7	18
0506_03	0.48 mg/m3	Week : 13	2.1		7.1	18
0507_03	0.48 mg/m3	Week : 13	1.7		7	26
0508_03	0.48 mg/m3	Week : 13	2.5		7.5	23
0509_03	0.48 mg/m3	Week : 13	2.2		7.7	24
0510_03	0.48 mg/m3	Week : 13	2.1		6.6	21
0511_03	0.48 mg/m3	Day : 23	1.9		6.2	22
0512_03	0.48 mg/m3	Day : 23	1.6		5.8	20
0513_03	0.48 mg/m3	Day : 23	2.1		6.6	20
0514_03	0.48 mg/m3	Day : 23	2		6.6	22
0515_03	0.48 mg/m3	Day : 23	1.7		6.3	21
0516_03	0.48 mg/m3	Day : 23	1.6		6.1	20
0517_03	0.48 mg/m3	Day : 23	1.6		5.6	15
0518_03	0.48 mg/m3	Day : 23	1.9		6.1	18
0519_03	0.48 mg/m3	Day : 23	1.6		6.1	20
0520_03	0.48 mg/m3	Day : 23	1.6		6	14
0701_03	4.8 mg/m3	Week : 13	2.2	267	7.2	20
0702_03	4.8 mg/m3	Week : 13	2.1	298	7.3	13
0703_03	4.8 mg/m3	Week : 13	2.2	292	7.8	19
0704_03	4.8 mg/m3	Week : 13	2.2	211	7.5	20
0705_03	4.8 mg/m3	Week : 13	2.4	197	7.4	25
0706_03	4.8 mg/m3	Week : 13	2.4	286	7.5	19

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:30

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0707_03	4.8 mg/m3	Week : 13	2.1	212	7.4	18
0708_03	4.8 mg/m3	Week : 13	2.1	279	7.4	20
0709_03	4.8 mg/m3	Week : 13	2.3	212	7.2	29
0710_03	4.8 mg/m3	Week : 13	1.9	284	7.2	24
0711_03	4.8 mg/m3	Day : 23	1.7		5.8	18
0712_03	4.8 mg/m3	Day : 23	1.6		6	19
0713_03	4.8 mg/m3	Day : 23	2.1		6.6	21
0714_03	4.8 mg/m3	Day : 23	1.9		6.1	23
0715_03	4.8 mg/m3	Day : 23	1.6		6	22
0716_03	4.8 mg/m3	Day : 23	1.9		6.2	19
0717_03	4.8 mg/m3	Day : 23	1.8		6.1	21
0718_03	4.8 mg/m3	Day : 23	1.6		5.8	17
0719_03	4.8 mg/m3	Day : 23	1.4		5.9	17
0720_03	4.8 mg/m3	Day : 23	1.7		5.9	17
0901_03	24 mg/m3	Week : 13	2	294	7.3	17
0902_03	24 mg/m3	Week : 13	2.1	235	7.3	20
0903_03	24 mg/m3	Week : 13	2	223	7.5	23
0904_03	24 mg/m3	Week : 13	2.3	314	7	24
0905_03	24 mg/m3	Week : 13	2.1	243	6.9	19
0906_03	24 mg/m3	Week : 13	2.2	247	7.8	30
0907_03	24 mg/m3	Week : 13	2.1	254	7.3	20
0908_03	24 mg/m3	Week : 13	2.2	212	7.4	25

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
0909_03	24 mg/m3	Week : 13	1.5	214	7.1	21
0910_03	24 mg/m3	Week : 13	2.1	251	7.5	22
0911_03	24 mg/m3	Day : 23	1.6		5.9	18
0912_03	24 mg/m3	Day : 23	1.7		6	19
0913_03	24 mg/m3	Day : 23	1.6		6	27
0914_03	24 mg/m3	Day : 23	1.6		6.5	26
0915_03	24 mg/m3	Day : 23	1.7		6.3	23
0916_03	24 mg/m3	Day : 23	1.2		5.8	19
0917_03	24 mg/m3	Day : 23	1.2		5.4	16
0918_03	24 mg/m3	Day : 23	1.4		6.1	20
0919_03	24 mg/m3	Day : 23	1.4		5.7	22
0920_03	24 mg/m3	Day : 23	1.5		5.7	15
1101_03	48 mg/m3	Week : 13	2.1	314	7.4	19
1102_03	48 mg/m3	Week : 13	2.2	277	7	18
1103_03	48 mg/m3	Week : 13	2.1	244	7.4	26
1104_03	48 mg/m3	Week : 13	2.4	312	7.9	18
1105_03	48 mg/m3	Week : 13	2.2	267	7.4	19
1106_03	48 mg/m3	Week : 13	2	328	7.5	19
1107_03	48 mg/m3	Week : 13	2.5	224	7.7	22
1108_03	48 mg/m3	Week : 13	2.1	337	7.7	20
1109_03	48 mg/m3	Week : 13	2	255	7.6	19
1110_03	48 mg/m3	Week : 13	1.8	289	6.6	13

Experiment Number: 05202-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 13:16:30

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Iron ug per dL	Protein Total g per dL	SDH IU per L
1111_03	48 mg/m3	Day : 23	1.5		5.8	17
1112_03	48 mg/m3	Day : 23	1.6		5.9	25
1113_03	48 mg/m3	Day : 23	2		6.5	18
1114_03	48 mg/m3	Day : 23	1.9		6	19
1115_03	48 mg/m3	Day : 23	1.4		5.7	22
1116_03	48 mg/m3	Day : 23	1.5		6.1	18
1117_03	48 mg/m3	Day : 23	1.5		5.6	20
1118_03	48 mg/m3	Day : 23	1.5		5.6	24
1119_03	48 mg/m3	Day : 23	1.6		5.8	18
1120_03	48 mg/m3	Day : 23	1.6		6	21

** END OF REPORT **