

**Experiment Number:** 88124-01

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

**P42: Clinical Chemistry Data**

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

**Time Report Requested:** 14:58:24

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

**Lab:** NA

**C Number:** C88124

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:24

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	Day : 94	4.6	1.8	317	53
0002_01	0 mg/m3	Day : 94	4.2	1.3	306	50
0003_01	0 mg/m3	Day : 94	4.4	1.5	298	55
0004_01	0 mg/m3	Day : 94	4.5	1.6	319	59
0005_01	0 mg/m3	Day : 94	4.5	1.3	336	60
0006_01	0 mg/m3	Day : 94	4.5	1.4	316	49
0007_01	0 mg/m3	Day : 94	4.3	1.3	275	48
0008_01	0 mg/m3	Day : 94	4.3	1.3	338	45
0009_01	0 mg/m3	Day : 94	4.5	1.6	295	61
0010_01	0 mg/m3	Day : 94	4.4	1.6	300	48
0011_01	0 mg/m3	Day : 3	4.1	2.3	722	39
0011_01	0 mg/m3	Day : 23	3.6	1.3	397	30
0012_01	0 mg/m3	Day : 3	3.3	1.2	634	30
0012_01	0 mg/m3	Day : 23	3.8	1.4	412	31
0013_01	0 mg/m3	Day : 3	3.3	1.2	645	38
0013_01	0 mg/m3	Day : 23	3.8	1.4	462	37
0014_01	0 mg/m3	Day : 3	3.7	1.5	617	35
0014_01	0 mg/m3	Day : 23	4	1.4	413	33
0015_01	0 mg/m3	Day : 3	4	1.9	623	34
0015_01	0 mg/m3	Day : 23	3.7	1.3	417	35
0016_01	0 mg/m3	Day : 3	4.1	2.2	722	41
0016_01	0 mg/m3	Day : 23	4	1.4	511	36

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Time Report Requested: 14:58:24

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
0017_01	0 mg/m3	Day : 3	4.2	2.2	638	33
0017_01	0 mg/m3	Day : 23	4	1.5	428	30
0018_01	0 mg/m3	Day : 3	3.7	1.6	651	42
0018_01	0 mg/m3	Day : 23	3.9	1.3	424	40
0019_01	0 mg/m3	Day : 3	3.2	1.1	672	33
0019_01	0 mg/m3	Day : 23	3.7	1.2	438	37
0020_01	0 mg/m3	Day : 3	3.1	1.1	673	39
0020_01	0 mg/m3	Day : 23	3.7	1.4	463	39
0201_01	1 mg/m3	Day : 94	4.3	1.6	339	53
0202_01	1 mg/m3	Day : 94	4.9	2	341	63
0203_01	1 mg/m3	Day : 94	4.4	1.6	331	88
0204_01	1 mg/m3	Day : 94	4.4	1.5	293	71
0205_01	1 mg/m3	Day : 94	4.7	1.6	320	70
0206_01	1 mg/m3	Day : 94	4.2	1.3	331	56
0207_01	1 mg/m3	Day : 94	4.3	1.4	315	53
0208_01	1 mg/m3	Day : 94	4.5	1.5	327	83
0209_01	1 mg/m3	Day : 94	4.5	1.5	354	66
0210_01	1 mg/m3	Day : 94	3.7	0.9	333	70
0211_01	1 mg/m3	Day : 3	3.2	1.1	626	38
0211_01	1 mg/m3	Day : 23	3.8	1.4	408	40
0212_01	1 mg/m3	Day : 3	3.3	1.1	658	37
0212_01	1 mg/m3	Day : 23	3.5	1.3	486	37

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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
0213_01	1 mg/m3	Day : 3	4	2.2	716	34
0213_01	1 mg/m3	Day : 23	3.7	1.2	480	33
0214_01	1 mg/m3	Day : 3	3.4	1.1	742	39
0214_01	1 mg/m3	Day : 23	3.7	1.2	514	52
0215_01	1 mg/m3	Day : 3	3.7	1.9	692	36
0215_01	1 mg/m3	Day : 23	3.7	1.3	529	35
0216_01	1 mg/m3	Day : 3	3.4	1.2	627	37
0216_01	1 mg/m3	Day : 23	3.9	1.3	487	39
0217_01	1 mg/m3	Day : 3	3.9	2.2	675	40
0217_01	1 mg/m3	Day : 23	3.8	1.4	484	46
0218_01	1 mg/m3	Day : 3	3.3	1.2	617	33
0218_01	1 mg/m3	Day : 23	3.8	1.4	453	42
0219_01	1 mg/m3	Day : 3	3.4	1.4	680	33
0219_01	1 mg/m3	Day : 23	3.7	1.2	438	40
0220_01	1 mg/m3	Day : 3	4.1	2	573	33
0220_01	1 mg/m3	Day : 23	3.6	1.1	454	31
0401_01	3 mg/m3	Day : 94	4.7	1.8	307	66
0402_01	3 mg/m3	Day : 94	4.6	1.6	311	62
0403_01	3 mg/m3	Day : 94	4.3	1.4	277	129
0404_01	3 mg/m3	Day : 94	4.1	1.2	264	96
0405_01	3 mg/m3	Day : 94	4.1	1.3	271	77
0406_01	3 mg/m3	Day : 94	3.7	1.1	301	57

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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
0407_01	3 mg/m3	Day : 94	4	1.3	315	68
0408_01	3 mg/m3	Day : 94	4.6	1.7	299	57
0409_01	3 mg/m3	Day : 94	4.6	1.7	305	92
0410_01	3 mg/m3	Day : 94	4.5	1.5	274	55
0411_01	3 mg/m3	Day : 3	3.6	1.4	696	36
0411_01	3 mg/m3	Day : 23	3.3	1.1	412	36
0412_01	3 mg/m3	Day : 3	3.4	1.5	646	42
0412_01	3 mg/m3	Day : 23	4	1.4	478	63
0413_01	3 mg/m3	Day : 3	3.9	1.6	590	29
0413_01	3 mg/m3	Day : 23	3.7	1.3	444	50
0414_01	3 mg/m3	Day : 3	4.3	2	709	41
0414_01	3 mg/m3	Day : 23	3.7	1.3	433	38
0415_01	3 mg/m3	Day : 3	3.5	1.7	651	36
0415_01	3 mg/m3	Day : 23	4	1.5	521	34
0416_01	3 mg/m3	Day : 3	3.3	1.2	648	35
0416_01	3 mg/m3	Day : 23	3.9	1.3	469	36
0417_01	3 mg/m3	Day : 3	3.2	1.2	713	43
0417_01	3 mg/m3	Day : 23	3.7	1.3	435	40
0418_01	3 mg/m3	Day : 3	3.6	1.6	663	34
0418_01	3 mg/m3	Day : 23	3.8	1.2	459	34
0419_01	3 mg/m3	Day : 3	3.5	1.2	722	42
0419_01	3 mg/m3	Day : 23	3.9	1.3	451	44

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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
0420_01	3 mg/m3	Day : 3	3.2	1.1	622	37
0420_01	3 mg/m3	Day : 23	3.8	1.4	446	35
0601_01	10 mg/m3	Day : 94	4.7	1.6	311	84
0602_01	10 mg/m3	Day : 94	4.4	1.6	298	137
0603_01	10 mg/m3	Day : 94	4.3	1.3	310	77
0604_01	10 mg/m3	Day : 94	4.6	1.5	346	62
0605_01	10 mg/m3	Day : 94	4.2	1.4	352	89
0606_01	10 mg/m3	Day : 94	4.1	1.5	323	75
0607_01	10 mg/m3	Day : 94	4.2	1.2	301	69
0608_01	10 mg/m3	Day : 94	4.2	1.2	302	108
0609_01	10 mg/m3	Day : 94	4.5	1.5	278	82
0610_01	10 mg/m3	Day : 94	4.6	1.6	291	73
0611_01	10 mg/m3	Day : 3	3.2	1.1	652	33
0611_01	10 mg/m3	Day : 23	3.7	1.4	495	42
0612_01	10 mg/m3	Day : 3	3.7	1.8	614	32
0612_01	10 mg/m3	Day : 23	3.8	1.5	429	31
0613_01	10 mg/m3	Day : 3	3.6	1.6	723	41
0613_01	10 mg/m3	Day : 23	3.7	1.2	433	38
0614_01	10 mg/m3	Day : 3	3.9	2.3	644	35
0614_01	10 mg/m3	Day : 23	3.7	1.2	487	43
0615_01	10 mg/m3	Day : 3	3.8	1.7	685	40
0615_01	10 mg/m3	Day : 23	3.8	1.4	503	43

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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
0616_01	10 mg/m3	Day : 3	3.5	1.5	566	31
0616_01	10 mg/m3	Day : 23	3.6	1.2	404	35
0617_01	10 mg/m3	Day : 3	3.6	1.5	629	37
0617_01	10 mg/m3	Day : 23	3.9	1.4	445	40
0618_01	10 mg/m3	Day : 3	3.6	1.6	631	35
0618_01	10 mg/m3	Day : 23	3.8	1.4	413	40
0619_01	10 mg/m3	Day : 3	3.9	2.3	640	32
0619_01	10 mg/m3	Day : 23	3.9	1.4	477	37
0620_01	10 mg/m3	Day : 3	3.9	2.1	633	35
0620_01	10 mg/m3	Day : 23	3.8	1.3	401	34
0801_01	30 mg/m3	Day : 94	4.1	1.6	364	79
0802_01	30 mg/m3	Day : 94	4.2	1.4	373	107
0803_01	30 mg/m3	Day : 94	4.3	1.3	376	98
0804_01	30 mg/m3	Day : 94	4.4	1.3	431	133
0805_01	30 mg/m3	Day : 94	4.6	1.4	381	111
0806_01	30 mg/m3	Day : 94	3.9	1.2	373	75
0807_01	30 mg/m3	Day : 94	4.3	1.3	331	100
0808_01	30 mg/m3	Day : 94	4.2	1.2	370	85
0809_01	30 mg/m3	Day : 94	4.6	1.4	434	143
0810_01	30 mg/m3	Day : 94	4.4	1.4	352	114
0811_01	30 mg/m3	Day : 3	3.8	1.7	719	38
0811_01	30 mg/m3	Day : 23	3.6	1.3	500	45

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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
0812_01	30 mg/m3	Day : 3	3.6	1.5	685	35
0812_01	30 mg/m3	Day : 23	3.9	1.4	468	41
0813_01	30 mg/m3	Day : 3	3.2	1.1	646	35
0813_01	30 mg/m3	Day : 23	3.7	1.2	436	46
0814_01	30 mg/m3	Day : 3	3.5	1.4	581	33
0814_01	30 mg/m3	Day : 23	3.7	1.2	452	37
0815_01	30 mg/m3	Day : 3	3.2	1.2	647	38
0815_01	30 mg/m3	Day : 23	3.7	1.3	443	40
0816_01	30 mg/m3	Day : 3	3.6	1.6	713	41
0816_01	30 mg/m3	Day : 23	3.8	1.3	493	36
0817_01	30 mg/m3	Day : 3	3.7	1.7	627	34
0817_01	30 mg/m3	Day : 23	3.5	1.2	445	31
0818_01	30 mg/m3	Day : 3	3.7	1.1	695	41
0818_01	30 mg/m3	Day : 23	3.5	1.2	506	44
0819_01	30 mg/m3	Day : 3	3.6	1.4	695	40
0819_01	30 mg/m3	Day : 23	4.6	2	450	42
0820_01	30 mg/m3	Day : 3	3.9	2.2	704	39
0820_01	30 mg/m3	Day : 23	3.7	1.4	443	40
1001_01	100 mg/m3	Day : 94	2.4	0.8	327	312
1002_01	100 mg/m3	Day : 94	2	0.6	423	121
1003_01	100 mg/m3	Day : 94	2.3	0.7	339	192
1004_01	100 mg/m3	Day : 94	2.4	0.7	303	116



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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
1005_01	100 mg/m3	Day : 94	2.9	1.2	277	251
1006_01	100 mg/m3	Day : 94	2.6	0.8	301	302
1007_01	100 mg/m3	Day : 94	NT		NT	NT
1008_01	100 mg/m3	Day : 94	2.3	0.7	278	132
1009_01	100 mg/m3	Day : 94	2.7	0.8	321	196
1010_01	100 mg/m3	Day : 94	3	1	366	133
1011_01	100 mg/m3	Day : 3	3.2	1.1	652	41
1011_01	100 mg/m3	Day : 23	3.6	1.4	425	45
1012_01	100 mg/m3	Day : 3	4.3	1.5	708	45
1012_01	100 mg/m3	Day : 23	3.5	1.3	434	38
1013_01	100 mg/m3	Day : 3	4	2.1	746	40
1013_01	100 mg/m3	Day : 23	3.9	1.3	488	36
1014_01	100 mg/m3	Day : 3	3.8	1.7	679	35
1014_01	100 mg/m3	Day : 23	3.8	1.3	497	38
1015_01	100 mg/m3	Day : 3	3.5	1.5	690	41
1015_01	100 mg/m3	Day : 23	3.7	1.3	431	50
1016_01	100 mg/m3	Day : 3	3.8	1.7	656	33
1016_01	100 mg/m3	Day : 23	3.9	1.4	443	42
1017_01	100 mg/m3	Day : 3	4.2	2.2	534	32
1017_01	100 mg/m3	Day : 23	3.8	1.5	453	37
1018_01	100 mg/m3	Day : 3	4.2	2.1	631	34
1018_01	100 mg/m3	Day : 23	3.9	1.5	476	35

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First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
1019_01	100 mg/m3	Day : 3	4.1	2.1	657	40
1019_01	100 mg/m3	Day : 23	3.7	1.4	461	39
1020_01	100 mg/m3	Day : 3	3.9	2.1	609	32
1020_01	100 mg/m3	Day : 23	3.8	1.3	468	42

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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
0001_01	0 mg/m3	Day : 94	24.5	18	141	0.9
0002_01	0 mg/m3	Day : 94	24.1	19	120	1
0003_01	0 mg/m3	Day : 94	26.3	19	214	0.9
0004_01	0 mg/m3	Day : 94	23	18	173	1
0005_01	0 mg/m3	Day : 94	22.5	20	149	0.9
0006_01	0 mg/m3	Day : 94	17.9	18	93	0.9
0007_01	0 mg/m3	Day : 94	25.4	18	111	1
0008_01	0 mg/m3	Day : 94	20	20	84	0.9
0009_01	0 mg/m3	Day : 94	27.4	20	76	0.8
0010_01	0 mg/m3	Day : 94	22.5	19	62	0.9
0011_01	0 mg/m3	Day : 3	34.1	14	239	0.7
0011_01	0 mg/m3	Day : 23	58.5	15	473	0.8
0012_01	0 mg/m3	Day : 3	29.9	14	277	0.7
0012_01	0 mg/m3	Day : 23	29.8	14	360	0.7
0013_01	0 mg/m3	Day : 3	30.4	20	219	0.6
0013_01	0 mg/m3	Day : 23	29	14	340	0.8
0014_01	0 mg/m3	Day : 3	26.3	12	294	0.6
0014_01	0 mg/m3	Day : 23	25.9	14	322	0.7
0015_01	0 mg/m3	Day : 3	30.8	14	233	0.7
0015_01	0 mg/m3	Day : 23	32	15	442	0.8
0016_01	0 mg/m3	Day : 3	33.5	16	288	0.7
0016_01	0 mg/m3	Day : 23	103.5	14	228	0.8

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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
0017_01	0 mg/m3	Day : 3	36.8	16	238	0.6
0017_01	0 mg/m3	Day : 23	26.7	14	400	0.7
0018_01	0 mg/m3	Day : 3	26.9	15	382	0.6
0018_01	0 mg/m3	Day : 23	30.4	16	374	0.8
0019_01	0 mg/m3	Day : 3	29.2	12	201	0.6
0019_01	0 mg/m3	Day : 23	33.6	15	383	0.8
0020_01	0 mg/m3	Day : 3	29.1	16	554	0.7
0020_01	0 mg/m3	Day : 23	29.3	16	423	0.7
0201_01	1 mg/m3	Day : 94	21.4	20	106	0.9
0202_01	1 mg/m3	Day : 94	25.1	21	155	1
0203_01	1 mg/m3	Day : 94	20.1	21	132	0.9
0204_01	1 mg/m3	Day : 94	24.7	18	186	0.9
0205_01	1 mg/m3	Day : 94	20.4	20	94	1
0206_01	1 mg/m3	Day : 94	22.4	29	166	1
0207_01	1 mg/m3	Day : 94	24.4	19	168	0.9
0208_01	1 mg/m3	Day : 94	24.5	19	106	1
0209_01	1 mg/m3	Day : 94	23.7	18	115	1
0210_01	1 mg/m3	Day : 94	20.9	20	130	1
0211_01	1 mg/m3	Day : 3	38.4	13	267	0.6
0211_01	1 mg/m3	Day : 23	50.5	14	357	0.7
0212_01	1 mg/m3	Day : 3	31.7	16	508	0.8
0212_01	1 mg/m3	Day : 23	26.3	14	281	0.7

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## 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
0212_01	1 mg/m3	Day : 23	26.3	14	281	0.7
0213_01	1 mg/m3	Day : 3	29.8	15	226	0.7
0213_01	1 mg/m3	Day : 23	32.1	15	264	0.8
0214_01	1 mg/m3	Day : 3	57	14	789	0.8
0214_01	1 mg/m3	Day : 23	28.8	16	198	0.7
0215_01	1 mg/m3	Day : 3	29.8	14	237	0.6
0215_01	1 mg/m3	Day : 23	29.1	13	181	0.8
0216_01	1 mg/m3	Day : 3	41.6	14	264	0.7
0216_01	1 mg/m3	Day : 23	33.8	16	200	0.8
0217_01	1 mg/m3	Day : 3	29.4	13	346	0.6
0217_01	1 mg/m3	Day : 23	27	15	236	0.7
0218_01	1 mg/m3	Day : 3	25.9	15	409	0.7
0218_01	1 mg/m3	Day : 23	32.2	15	229	0.7
0219_01	1 mg/m3	Day : 3	28.3	13	269	0.6
0219_01	1 mg/m3	Day : 23	40.5	15	222	0.9
0220_01	1 mg/m3	Day : 3	26.6	13	266	0.7
0220_01	1 mg/m3	Day : 23	26.5	12	196	0.8
0401_01	3 mg/m3	Day : 94	17.9	18	136	0.9
0402_01	3 mg/m3	Day : 94	22.8	17	67	0.9
0403_01	3 mg/m3	Day : 94	19.9	19	138	0.9
0404_01	3 mg/m3	Day : 94	20.8	18	96	0.9
0405_01	3 mg/m3	Day : 94	18.7	18	97	0.9

Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:25

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
0406_01	3 mg/m3	Day : 94	20.9	18	104	0.9
0407_01	3 mg/m3	Day : 94	38.2	16	289	1
0408_01	3 mg/m3	Day : 94	33.2	19	230	1.1
0409_01	3 mg/m3	Day : 94	22.3	18	161	0.9
0410_01	3 mg/m3	Day : 94	19.1	18	171	0.9
0411_01	3 mg/m3	Day : 3	32.6	14	251	0.7
0411_01	3 mg/m3	Day : 23	36.9	20	406	0.8
0412_01	3 mg/m3	Day : 3	49.6	15	219	0.6
0412_01	3 mg/m3	Day : 23	87	15	772	0.8
0413_01	3 mg/m3	Day : 3	30.7	14	241	0.7
0413_01	3 mg/m3	Day : 23	39.2	15	300	0.8
0414_01	3 mg/m3	Day : 3	41.9	17	428	0.7
0414_01	3 mg/m3	Day : 23	31.3	15	550	0.6
0415_01	3 mg/m3	Day : 3	31.4	12	298	0.6
0415_01	3 mg/m3	Day : 23	27.2	12	369	0.8
0416_01	3 mg/m3	Day : 3	42	16	341	0.7
0416_01	3 mg/m3	Day : 23	28.1	15	232	0.8
0417_01	3 mg/m3	Day : 3	25.2	13	355	0.7
0417_01	3 mg/m3	Day : 23	30.3	14	318	0.8
0418_01	3 mg/m3	Day : 3	25.7	13	347	0.6
0418_01	3 mg/m3	Day : 23	27.4	14	280	0.8
0419_01	3 mg/m3	Day : 3	35.4	15	372	0.7

Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:25

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
0419_01	3 mg/m3	Day : 3	35.4	15	372	0.7
0419_01	3 mg/m3	Day : 23	67.9	15	595	0.7
0420_01	3 mg/m3	Day : 3	24.8	13	181	0.6
0420_01	3 mg/m3	Day : 23	35.9	16	295	0.7
0601_01	10 mg/m3	Day : 94	20.8	21	119	0.9
0602_01	10 mg/m3	Day : 94	22.4	20	185	0.9
0603_01	10 mg/m3	Day : 94	24	19	196	0.9
0604_01	10 mg/m3	Day : 94	NT	20	142	0.8
0605_01	10 mg/m3	Day : 94	24.8	21	182	1
0606_01	10 mg/m3	Day : 94	24.4	22	84	0.9
0607_01	10 mg/m3	Day : 94	19.3	20	129	0.9
0608_01	10 mg/m3	Day : 94	24.2	20	89	1
0609_01	10 mg/m3	Day : 94	22.8	19	94	0.9
0610_01	10 mg/m3	Day : 94	19.7	20	133	0.9
0611_01	10 mg/m3	Day : 3	30.9	15	225	0.7
0611_01	10 mg/m3	Day : 23	32	15	599	0.7
0612_01	10 mg/m3	Day : 3	32.1	13	258	0.6
0612_01	10 mg/m3	Day : 23	29.3	15	273	0.7
0613_01	10 mg/m3	Day : 3	43.5	18	382	0.6
0613_01	10 mg/m3	Day : 23	26.5	15	280	0.7
0614_01	10 mg/m3	Day : 3	34.2	13	253	0.5
0614_01	10 mg/m3	Day : 23	32.5	13	206	0.7

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:25

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
0615_01	10 mg/m3	Day : 3	30.3	14	234	0.6
0615_01	10 mg/m3	Day : 23	32.7	16	322	0.8
0616_01	10 mg/m3	Day : 3	24.9	14	525	0.6
0616_01	10 mg/m3	Day : 23	26.4	14	208	0.8
0617_01	10 mg/m3	Day : 3	26.6	14	199	0.6
0617_01	10 mg/m3	Day : 23	28.2	13	261	0.8
0618_01	10 mg/m3	Day : 3	24.5	13	253	0.6
0618_01	10 mg/m3	Day : 23	24.6	10	276	0.8
0619_01	10 mg/m3	Day : 3	25	13	233	0.6
0619_01	10 mg/m3	Day : 23	34.2	15	209	0.7
0620_01	10 mg/m3	Day : 3	26.3	11	262	0.6
0620_01	10 mg/m3	Day : 23	29	14	204	0.7
0801_01	30 mg/m3	Day : 94	25.4	21	89	0.9
0802_01	30 mg/m3	Day : 94	21.6	19	109	0.8
0803_01	30 mg/m3	Day : 94	20.6	18	125	0.8
0804_01	30 mg/m3	Day : 94	27.6	22	105	1
0805_01	30 mg/m3	Day : 94	21.5	23	116	1
0806_01	30 mg/m3	Day : 94	22.4	20	73	0.9
0807_01	30 mg/m3	Day : 94	21.8	19	74	0.9
0808_01	30 mg/m3	Day : 94	24.9	19	96	0.8
0809_01	30 mg/m3	Day : 94	22	23	85	0.8
0810_01	30 mg/m3	Day : 94	24.1	21	90	0.8



Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:25

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
0810_01	30 mg/m3	Day : 94	24.1	21	90	0.8
0811_01	30 mg/m3	Day : 3	38	13	217	0.6
0811_01	30 mg/m3	Day : 23	32.1	16	284	0.6
0812_01	30 mg/m3	Day : 3	31.3	11	263	0.6
0812_01	30 mg/m3	Day : 23	30	15	280	0.8
0813_01	30 mg/m3	Day : 3	29.2	14	472	0.6
0813_01	30 mg/m3	Day : 23	42.9	16	334	0.9
0814_01	30 mg/m3	Day : 3	38.3	12	227	0.6
0814_01	30 mg/m3	Day : 23	40.3	13	310	0.8
0815_01	30 mg/m3	Day : 3	30.1	15	226	0.6
0815_01	30 mg/m3	Day : 23	35.6	14	325	0.7
0816_01	30 mg/m3	Day : 3	30.9	13	315	0.6
0816_01	30 mg/m3	Day : 23	35.8	14	624	0.7
0817_01	30 mg/m3	Day : 3	25.4	10	253	0.6
0817_01	30 mg/m3	Day : 23	27.1	15	298	0.7
0818_01	30 mg/m3	Day : 3	64.7	15	1120	0.7
0818_01	30 mg/m3	Day : 23	30	14	310	0.7
0819_01	30 mg/m3	Day : 3	47.8	11	290	0.6
0819_01	30 mg/m3	Day : 23	35.3	15	262	0.8
0820_01	30 mg/m3	Day : 3	31	10	833	0.6
0820_01	30 mg/m3	Day : 23	27	14	251	0.7
1001_01	100 mg/m3	Day : 94	59.9	31	138	0.6

Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:26

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
1002_01	100 mg/m3	Day : 94	67.6	52	93	0.7
1003_01	100 mg/m3	Day : 94	56.6	35	141	0.8
1004_01	100 mg/m3	Day : 94	27.6	34	89	0.7
1005_01	100 mg/m3	Day : 94	26.5	33	162	0.6
1006_01	100 mg/m3	Day : 94	43.7	60	154	0.6
1007_01	100 mg/m3	Day : 94	NT	NT	NT	NT
1008_01	100 mg/m3	Day : 94	42.3	32	116	0.7
1009_01	100 mg/m3	Day : 94	25	23	123	0.7
1010_01	100 mg/m3	Day : 94	22.4	30	110	0.8
1011_01	100 mg/m3	Day : 3	51.7	17	672	0.8
1011_01	100 mg/m3	Day : 23	58.8	14	393	0.7
1012_01	100 mg/m3	Day : 3	51.7	14	547	0.8
1012_01	100 mg/m3	Day : 23	26	12	304	0.7
1013_01	100 mg/m3	Day : 3	28.3	14	235	0.7
1013_01	100 mg/m3	Day : 23	29.9	14	271	0.7
1014_01	100 mg/m3	Day : 3	32.6	15	400	0.6
1014_01	100 mg/m3	Day : 23	29.8	14	282	0.7
1015_01	100 mg/m3	Day : 3	39.9	13	259	0.6
1015_01	100 mg/m3	Day : 23	47.7	15	315	0.9
1016_01	100 mg/m3	Day : 3	35.8	14	257	0.6
1016_01	100 mg/m3	Day : 23	28.5	13	248	0.7
1017_01	100 mg/m3	Day : 3	24.7	14	263	0.6

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

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
1017_01	100 mg/m3	Day : 3	24.7	14	263	0.6
1017_01	100 mg/m3	Day : 23	24.1	13	204	0.7
1018_01	100 mg/m3	Day : 3	27.7	16	274	0.7
1018_01	100 mg/m3	Day : 23	23.7	11	207	0.7
1019_01	100 mg/m3	Day : 3	27.3	14	304	0.7
1019_01	100 mg/m3	Day : 23	31.6	12	252	0.7
1020_01	100 mg/m3	Day : 3	27.8	12	309	0.6
1020_01	100 mg/m3	Day : 23	34	12	232	0.7

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0001_01	0 mg/m3	Day : 94	2.5	7.1	22
0002_01	0 mg/m3	Day : 94	3.2	7.4	22
0003_01	0 mg/m3	Day : 94	3	7.4	21
0004_01	0 mg/m3	Day : 94	2.9	7.4	23
0005_01	0 mg/m3	Day : 94	3.4	7.9	20
0006_01	0 mg/m3	Day : 94	3.2	7.7	21
0007_01	0 mg/m3	Day : 94	3.4	7.7	19
0008_01	0 mg/m3	Day : 94	3.4	7.7	20
0009_01	0 mg/m3	Day : 94	2.9	7.4	21
0010_01	0 mg/m3	Day : 94	2.8	7.2	19
0011_01	0 mg/m3	Day : 3	1.8	5.9	15
0011_01	0 mg/m3	Day : 23	2.8	6.4	11
0012_01	0 mg/m3	Day : 3	2.7	6	16
0012_01	0 mg/m3	Day : 23	2.7	6.5	11
0013_01	0 mg/m3	Day : 3	2.7	6	15
0013_01	0 mg/m3	Day : 23	2.8	6.6	15
0014_01	0 mg/m3	Day : 3	2.5	6.2	15
0014_01	0 mg/m3	Day : 23	2.8	6.8	13
0015_01	0 mg/m3	Day : 3	2.1	6.1	14
0015_01	0 mg/m3	Day : 23	2.8	6.5	13
0016_01	0 mg/m3	Day : 3	1.9	6	15
0016_01	0 mg/m3	Day : 23	2.8	6.8	18

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0017_01	0 mg/m3	Day : 3	1.9	6.1	15
0017_01	0 mg/m3	Day : 23	2.6	6.6	13
0018_01	0 mg/m3	Day : 3	2.3	6	12
0018_01	0 mg/m3	Day : 23	2.9	6.8	18
0019_01	0 mg/m3	Day : 3	2.8	6	13
0019_01	0 mg/m3	Day : 23	3	6.7	16
0020_01	0 mg/m3	Day : 3	2.8	5.9	14
0020_01	0 mg/m3	Day : 23	2.6	6.3	16
0201_01	1 mg/m3	Day : 94	2.7	7	20
0202_01	1 mg/m3	Day : 94	2.4	7.3	23
0203_01	1 mg/m3	Day : 94	2.8	7.2	27
0204_01	1 mg/m3	Day : 94	2.9	7.3	22
0205_01	1 mg/m3	Day : 94	2.9	7.6	32
0206_01	1 mg/m3	Day : 94	3.2	7.4	23
0207_01	1 mg/m3	Day : 94	3.1	7.4	23
0208_01	1 mg/m3	Day : 94	3.1	7.6	38
0209_01	1 mg/m3	Day : 94	3.1	7.6	32
0210_01	1 mg/m3	Day : 94	3.9	7.6	33
0211_01	1 mg/m3	Day : 3	2.9	6.1	13
0211_01	1 mg/m3	Day : 23	2.8	6.6	12
0212_01	1 mg/m3	Day : 3	3	6.3	14
0212_01	1 mg/m3	Day : 23	2.7	6.2	15

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0213_01	1 mg/m3	Day : 3	1.8	5.8	15
0213_01	1 mg/m3	Day : 23	3	6.7	16
0214_01	1 mg/m3	Day : 3	3.1	6.5	17
0214_01	1 mg/m3	Day : 23	3.2	6.9	19
0215_01	1 mg/m3	Day : 3	2	5.7	14
0215_01	1 mg/m3	Day : 23	2.8	6.5	16
0216_01	1 mg/m3	Day : 3	2.8	6.2	16
0216_01	1 mg/m3	Day : 23	3	6.9	18
0217_01	1 mg/m3	Day : 3	1.8	5.7	14
0217_01	1 mg/m3	Day : 23	2.7	6.5	20
0218_01	1 mg/m3	Day : 3	2.7	6	12
0218_01	1 mg/m3	Day : 23	2.8	6.6	16
0219_01	1 mg/m3	Day : 3	2.4	5.8	14
0219_01	1 mg/m3	Day : 23	3	6.7	19
0220_01	1 mg/m3	Day : 3	2.1	6.2	17
0220_01	1 mg/m3	Day : 23	3.2	6.8	16
0401_01	3 mg/m3	Day : 94	2.6	7.3	24
0402_01	3 mg/m3	Day : 94	2.9	7.5	24
0403_01	3 mg/m3	Day : 94	3.1	7.4	36
0404_01	3 mg/m3	Day : 94	3.4	7.5	37
0405_01	3 mg/m3	Day : 94	3.2	7.3	26
0406_01	3 mg/m3	Day : 94	3.4	7.1	21

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0407_01	3 mg/m3	Day : 94	3.2	7.2	22
0408_01	3 mg/m3	Day : 94	2.7	7.3	21
0409_01	3 mg/m3	Day : 94	2.7	7.3	30
0410_01	3 mg/m3	Day : 94	3.1	7.6	19
0411_01	3 mg/m3	Day : 3	2.6	6.2	14
0411_01	3 mg/m3	Day : 23	3.1	6.4	12
0412_01	3 mg/m3	Day : 3	2.3	5.7	13
0412_01	3 mg/m3	Day : 23	2.8	6.8	22
0413_01	3 mg/m3	Day : 3	2.4	6.3	16
0413_01	3 mg/m3	Day : 23	2.9	6.6	19
0414_01	3 mg/m3	Day : 3	2.2	6.5	15
0414_01	3 mg/m3	Day : 23	2.8	6.5	11
0415_01	3 mg/m3	Day : 3	2.1	5.6	14
0415_01	3 mg/m3	Day : 23	2.6	6.6	15
0416_01	3 mg/m3	Day : 3	2.8	6.1	15
0416_01	3 mg/m3	Day : 23	3.1	7	17
0417_01	3 mg/m3	Day : 3	2.7	5.9	15
0417_01	3 mg/m3	Day : 23	2.8	6.5	19
0418_01	3 mg/m3	Day : 3	2.3	5.9	15
0418_01	3 mg/m3	Day : 23	3.3	7.1	19
0419_01	3 mg/m3	Day : 3	2.9	6.4	14
0419_01	3 mg/m3	Day : 23	3.1	7	13

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0420_01	3 mg/m3	Day : 3	2.8	6	12
0420_01	3 mg/m3	Day : 23	2.8	6.6	15
0601_01	10 mg/m3	Day : 94	2.9	7.6	25
0602_01	10 mg/m3	Day : 94	2.8	7.2	35
0603_01	10 mg/m3	Day : 94	3.2	7.5	23
0604_01	10 mg/m3	Day : 94	3	7.6	21
0605_01	10 mg/m3	Day : 94	3.1	7.3	28
0606_01	10 mg/m3	Day : 94	2.7	6.8	27
0607_01	10 mg/m3	Day : 94	3.4	7.6	23
0608_01	10 mg/m3	Day : 94	3.4	7.6	43
0609_01	10 mg/m3	Day : 94	3.1	7.6	27
0610_01	10 mg/m3	Day : 94	2.9	7.5	27
0611_01	10 mg/m3	Day : 3	2.8	6	14
0611_01	10 mg/m3	Day : 23	2.7	6.4	18
0612_01	10 mg/m3	Day : 3	2.1	5.8	14
0612_01	10 mg/m3	Day : 23	2.6	6.4	16
0613_01	10 mg/m3	Day : 3	2.3	5.9	15
0613_01	10 mg/m3	Day : 23	3	6.7	14
0614_01	10 mg/m3	Day : 3	1.7	5.6	13
0614_01	10 mg/m3	Day : 23	3	6.7	19
0615_01	10 mg/m3	Day : 3	2.2	6	14
0615_01	10 mg/m3	Day : 23	2.8	6.6	17



Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0616_01	10 mg/m3	Day : 3	2.3	5.8	12
0616_01	10 mg/m3	Day : 23	3	6.6	18
0617_01	10 mg/m3	Day : 3	2.4	6	14
0617_01	10 mg/m3	Day : 23	2.7	6.6	18
0618_01	10 mg/m3	Day : 3	2.2	5.8	15
0618_01	10 mg/m3	Day : 23	2.8	6.6	22
0619_01	10 mg/m3	Day : 3	1.7	5.6	14
0619_01	10 mg/m3	Day : 23	2.8	6.7	18
0620_01	10 mg/m3	Day : 3	1.9	5.8	14
0620_01	10 mg/m3	Day : 23	3	6.8	16
0801_01	30 mg/m3	Day : 94	2.6	6.7	30
0802_01	30 mg/m3	Day : 94	3	7.2	33
0803_01	30 mg/m3	Day : 94	3.2	7.5	34
0804_01	30 mg/m3	Day : 94	3.3	7.7	38
0805_01	30 mg/m3	Day : 94	3.2	7.8	34
0806_01	30 mg/m3	Day : 94	3.2	7.1	24
0807_01	30 mg/m3	Day : 94	3.3	7.6	29
0808_01	30 mg/m3	Day : 94	3.5	7.7	28
0809_01	30 mg/m3	Day : 94	3.3	7.9	37
0810_01	30 mg/m3	Day : 94	3.1	7.5	42
0811_01	30 mg/m3	Day : 3	2.2	6	15
0811_01	30 mg/m3	Day : 23	2.8	6.4	20

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0812_01	30 mg/m3	Day : 3	2.4	6	16
0812_01	30 mg/m3	Day : 23	2.8	6.7	19
0813_01	30 mg/m3	Day : 3	3	6.2	14
0813_01	30 mg/m3	Day : 23	3.2	6.9	19
0814_01	30 mg/m3	Day : 3	2.5	6	14
0814_01	30 mg/m3	Day : 23	3	6.7	18
0815_01	30 mg/m3	Day : 3	2.7	5.9	14
0815_01	30 mg/m3	Day : 23	2.8	6.5	15
0816_01	30 mg/m3	Day : 3	2.3	5.9	14
0816_01	30 mg/m3	Day : 23	3	6.8	14
0817_01	30 mg/m3	Day : 3	2.2	5.9	15
0817_01	30 mg/m3	Day : 23	3	6.5	16
0818_01	30 mg/m3	Day : 3	3.3	7	12
0818_01	30 mg/m3	Day : 23	3	6.5	16
0819_01	30 mg/m3	Day : 3	2.5	6.1	15
0819_01	30 mg/m3	Day : 23	2.3	6.9	19
0820_01	30 mg/m3	Day : 3	1.8	5.7	15
0820_01	30 mg/m3	Day : 23	2.7	6.4	17
1001_01	100 mg/m3	Day : 94	2.9	5.3	72
1002_01	100 mg/m3	Day : 94	3.3	5.3	34
1003_01	100 mg/m3	Day : 94	3.3	5.6	40
1004_01	100 mg/m3	Day : 94	3.3	5.7	29

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1005_01	100 mg/m3	Day : 94	2.5	5.4	42
1006_01	100 mg/m3	Day : 94	3.2	5.8	55
1007_01	100 mg/m3	Day : 94		NT	NT
1008_01	100 mg/m3	Day : 94	3.3	5.6	38
1009_01	100 mg/m3	Day : 94	3.5	6.2	38
1010_01	100 mg/m3	Day : 94	3	6	36
1011_01	100 mg/m3	Day : 3	3	6.2	10
1011_01	100 mg/m3	Day : 23	2.6	6.2	12
1012_01	100 mg/m3	Day : 3	2.8	7.1	18
1012_01	100 mg/m3	Day : 23	2.8	6.3	16
1013_01	100 mg/m3	Day : 3	1.9	5.9	15
1013_01	100 mg/m3	Day : 23	3	6.9	16
1014_01	100 mg/m3	Day : 3	2.2	6	15
1014_01	100 mg/m3	Day : 23	2.9	6.7	14
1015_01	100 mg/m3	Day : 3	2.3	5.8	14
1015_01	100 mg/m3	Day : 23	2.8	6.5	23
1016_01	100 mg/m3	Day : 3	2.2	6	14
1016_01	100 mg/m3	Day : 23	2.8	6.7	17
1017_01	100 mg/m3	Day : 3	1.9	6.1	13
1017_01	100 mg/m3	Day : 23	2.6	6.4	16
1018_01	100 mg/m3	Day : 3	2	6.2	14
1018_01	100 mg/m3	Day : 23	2.6	6.5	15

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: NA

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**MALE**

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Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1019_01	100 mg/m3	Day : 3	2	6.1	15
1019_01	100 mg/m3	Day : 23	2.7	6.4	16
1020_01	100 mg/m3	Day : 3	1.9	5.8	15
1020_01	100 mg/m3	Day : 23	2.9	6.7	16

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:26

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	Day : 94		1.5		
0101_01	0 mg/m3	Day : 95	4.7		274	47
0102_01	0 mg/m3	Day : 94		1.2		
0102_01	0 mg/m3	Day : 95	4.2		289	61
0103_01	0 mg/m3	Day : 94		1.4		
0103_01	0 mg/m3	Day : 95	4.1		278	51
0104_01	0 mg/m3	Day : 94		1.2		
0104_01	0 mg/m3	Day : 95	4		264	38
0105_01	0 mg/m3	Day : 94		1.5		
0105_01	0 mg/m3	Day : 95	4.5		248	53
0106_01	0 mg/m3	Day : 94		1.4		
0106_01	0 mg/m3	Day : 95	4.2		288	44
0107_01	0 mg/m3	Day : 94		1.1		
0107_01	0 mg/m3	Day : 95	4		288	54
0108_01	0 mg/m3	Day : 94		1.7		
0108_01	0 mg/m3	Day : 95	4.7		307	121*
0109_01	0 mg/m3	Day : 94		1.4		
0109_01	0 mg/m3	Day : 95	4		294	54
0110_01	0 mg/m3	Day : 94		1.3		
0110_01	0 mg/m3	Day : 95	4.4		235	41
0111_01	0 mg/m3	Day : 3		1.6		
0111_01	0 mg/m3	Day : 4	3.6		512	37

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:27

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
0111_01	0 mg/m3	Day : 23		1.6		
0111_01	0 mg/m3	Day : 24	3.9		292	25
0112_01	0 mg/m3	Day : 3		2.2		
0112_01	0 mg/m3	Day : 4	3.9		556	33
0112_01	0 mg/m3	Day : 23		1.6		
0112_01	0 mg/m3	Day : 24	3.9		369	30
0113_01	0 mg/m3	Day : 3		1.9		
0113_01	0 mg/m3	Day : 4	4		558	34
0113_01	0 mg/m3	Day : 23		1.5		
0113_01	0 mg/m3	Day : 24	3.7		275	29
0114_01	0 mg/m3	Day : 3		2.4		
0114_01	0 mg/m3	Day : 4	4		656	39
0114_01	0 mg/m3	Day : 23		1.7		
0114_01	0 mg/m3	Day : 24	3.7		355	30
0115_01	0 mg/m3	Day : 3		1.8		
0115_01	0 mg/m3	Day : 4	3.9		544	39
0115_01	0 mg/m3	Day : 23		1.4		
0115_01	0 mg/m3	Day : 24	3.6		332	27
0116_01	0 mg/m3	Day : 3		1.8		
0116_01	0 mg/m3	Day : 4	3.7		500	37
0116_01	0 mg/m3	Day : 23		1.5		
0116_01	0 mg/m3	Day : 24	3.6		380	28

Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:27

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
0117_01	0 mg/m3	Day : 3		1.9		
0117_01	0 mg/m3	Day : 4	4		527	35
0117_01	0 mg/m3	Day : 23		1.8		
0117_01	0 mg/m3	Day : 24	3.8		287	30
0118_01	0 mg/m3	Day : 3		1.3		
0118_01	0 mg/m3	Day : 4	3.6		509	28
0118_01	0 mg/m3	Day : 23		1.4		
0118_01	0 mg/m3	Day : 24	3.7		314	23
0119_01	0 mg/m3	Day : 3		1.6		
0119_01	0 mg/m3	Day : 4	3.6		519	31
0119_01	0 mg/m3	Day : 23		1.4		
0119_01	0 mg/m3	Day : 24	3.8		327	28
0120_01	0 mg/m3	Day : 3		1.5		
0120_01	0 mg/m3	Day : 4	3.8		504	40
0120_01	0 mg/m3	Day : 23		1.5		
0120_01	0 mg/m3	Day : 24	3.7		275	34
0301_01	1 mg/m3	Day : 94		1.3		
0301_01	1 mg/m3	Day : 95	3.9		336	41
0302_01	1 mg/m3	Day : 94		1.3		
0302_01	1 mg/m3	Day : 95	4		270	49
0303_01	1 mg/m3	Day : 94		1.3		
0303_01	1 mg/m3	Day : 95	4.1		269	50

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

## P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:27

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
0304_01	1 mg/m3	Day : 94		1.3		
0304_01	1 mg/m3	Day : 95	4.4		245	57
0305_01	1 mg/m3	Day : 94		1.3		
0305_01	1 mg/m3	Day : 95	4.4		268	35
0306_01	1 mg/m3	Day : 94		1.2		
0306_01	1 mg/m3	Day : 95	4.1		269	66
0307_01	1 mg/m3	Day : 94		1.4		
0307_01	1 mg/m3	Day : 95	4.3		265	53
0308_01	1 mg/m3	Day : 94		1.4		
0308_01	1 mg/m3	Day : 95	4.4		212	40
0309_01	1 mg/m3	Day : 94		1.5		
0309_01	1 mg/m3	Day : 95	4.3		296	53
0310_01	1 mg/m3	Day : 94		1.2		
0310_01	1 mg/m3	Day : 95	3.9		299	45
0311_01	1 mg/m3	Day : 3		1.4		
0311_01	1 mg/m3	Day : 4	3.6		554	42
0311_01	1 mg/m3	Day : 23		1.6		
0311_01	1 mg/m3	Day : 24	3.9		392	21
0312_01	1 mg/m3	Day : 3		1.4		
0312_01	1 mg/m3	Day : 4	3.6		511	48
0312_01	1 mg/m3	Day : 23		1.4		
0312_01	1 mg/m3	Day : 24	3.7		332	31



Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:27

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
0313_01	1 mg/m3	Day : 3		1.8		
0313_01	1 mg/m3	Day : 4	3.9		540	34
0313_01	1 mg/m3	Day : 23		1.6		
0313_01	1 mg/m3	Day : 24	3.9		320	28
0314_01	1 mg/m3	Day : 3		1.7		
0314_01	1 mg/m3	Day : 4	4		537	34
0314_01	1 mg/m3	Day : 23		1.5		
0314_01	1 mg/m3	Day : 24	3.6		326	36
0315_01	1 mg/m3	Day : 3		1.7		
0315_01	1 mg/m3	Day : 4	3.7		594	28
0315_01	1 mg/m3	Day : 23		1.9		
0315_01	1 mg/m3	Day : 24	4		332	27
0316_01	1 mg/m3	Day : 3		2		
0316_01	1 mg/m3	Day : 4	3.9		535	35
0316_01	1 mg/m3	Day : 23		1.5		
0316_01	1 mg/m3	Day : 24	3.7		308	29
0317_01	1 mg/m3	Day : 3		1.9		
0317_01	1 mg/m3	Day : 4	3.8		486	32
0317_01	1 mg/m3	Day : 23		1.6		
0317_01	1 mg/m3	Day : 24	3.8		302	26
0318_01	1 mg/m3	Day : 3		1.6		
0318_01	1 mg/m3	Day : 4	3.6		509	38

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

## P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:27

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
0318_01	1 mg/m3	Day : 23		1.6		
0318_01	1 mg/m3	Day : 24	3.9		347	33
0319_01	1 mg/m3	Day : 3		2.2		
0319_01	1 mg/m3	Day : 4	4.1		546	36
0319_01	1 mg/m3	Day : 23		1.6		
0319_01	1 mg/m3	Day : 24	3.8		323	22
0320_01	1 mg/m3	Day : 3		2.1		
0320_01	1 mg/m3	Day : 4	3.9		551	31
0320_01	1 mg/m3	Day : 23		1.4		
0320_01	1 mg/m3	Day : 24	3.6		319	22
0501_01	3 mg/m3	Day : 94		1.8		
0501_01	3 mg/m3	Day : 95	4.8		309	50
0502_01	3 mg/m3	Day : 94		1.4		
0502_01	3 mg/m3	Day : 95	4.2		317	48
0503_01	3 mg/m3	Day : 94		1.4		
0503_01	3 mg/m3	Day : 95	4.2		276	60
0504_01	3 mg/m3	Day : 94		1.4		
0504_01	3 mg/m3	Day : 95	4.6		268	38
0505_01	3 mg/m3	Day : 94		1.4		
0505_01	3 mg/m3	Day : 95	4.6		268	52
0506_01	3 mg/m3	Day : 94		1.3		
0506_01	3 mg/m3	Day : 95	4.3		325	40

## FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0507_01	3 mg/m3	Day : 94		1.4		
0507_01	3 mg/m3	Day : 95	4.8		287	50
0508_01	3 mg/m3	Day : 94		1.5		
0508_01	3 mg/m3	Day : 95	4.4		284	61
0509_01	3 mg/m3	Day : 94		1.3		
0509_01	3 mg/m3	Day : 95	3.9		273	50
0510_01	3 mg/m3	Day : 94		1.3		
0510_01	3 mg/m3	Day : 95	4.3		235	56
0511_01	3 mg/m3	Day : 3		1.3		
0511_01	3 mg/m3	Day : 4	3.4		532	31
0511_01	3 mg/m3	Day : 23		1.5		
0511_01	3 mg/m3	Day : 24	3.7		312	31
0512_01	3 mg/m3	Day : 3		2.3		
0512_01	3 mg/m3	Day : 4	3.9		567	32
0512_01	3 mg/m3	Day : 23		1.5		
0512_01	3 mg/m3	Day : 24	3.5		361	32
0513_01	3 mg/m3	Day : 3		2.1		
0513_01	3 mg/m3	Day : 4	3.9		565	33
0513_01	3 mg/m3	Day : 23		1.6		
0513_01	3 mg/m3	Day : 24	4.1		324	24
0514_01	3 mg/m3	Day : 3		1.4		
0514_01	3 mg/m3	Day : 4	3.7		537	34

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:28

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
0514_01	3 mg/m3	Day : 23		1.6		
0514_01	3 mg/m3	Day : 24	3.9		298	26
0515_01	3 mg/m3	Day : 3		2.3		
0515_01	3 mg/m3	Day : 4	4.2		556	42
0515_01	3 mg/m3	Day : 23		1.6		
0515_01	3 mg/m3	Day : 24	3.6		328	38
0516_01	3 mg/m3	Day : 3		1.7		
0516_01	3 mg/m3	Day : 4	3.7		572	33
0516_01	3 mg/m3	Day : 23		1.3		
0516_01	3 mg/m3	Day : 24	3.6		314	25
0517_01	3 mg/m3	Day : 3		1.4		
0517_01	3 mg/m3	Day : 4	3.5		567	35
0517_01	3 mg/m3	Day : 23		1.6		
0517_01	3 mg/m3	Day : 24	3.7		320	30
0518_01	3 mg/m3	Day : 3		1.4		
0518_01	3 mg/m3	Day : 4	3.6		543	33
0518_01	3 mg/m3	Day : 23		1.5		
0518_01	3 mg/m3	Day : 24	3.8		387	42
0519_01	3 mg/m3	Day : 3		1.5		
0519_01	3 mg/m3	Day : 4	3.7		526	36
0519_01	3 mg/m3	Day : 23		1.5		
0519_01	3 mg/m3	Day : 24	3.8		313	36

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:28

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
0520_01	3 mg/m3	Day : 3		1.3		
0520_01	3 mg/m3	Day : 4	3.5		475	39
0520_01	3 mg/m3	Day : 23		1.5		
0520_01	3 mg/m3	Day : 24	3.9		344	31
0701_01	10 mg/m3	Day : 94		1.3		
0701_01	10 mg/m3	Day : 95	3.9		300	70
0702_01	10 mg/m3	Day : 94		1.2		
0702_01	10 mg/m3	Day : 95	4.1		261	51
0703_01	10 mg/m3	Day : 94		1.4		
0703_01	10 mg/m3	Day : 95	4.4		218	99
0704_01	10 mg/m3	Day : 94		1.8		
0704_01	10 mg/m3	Day : 95	4.6		252	55
0705_01	10 mg/m3	Day : 94		1.7		
0705_01	10 mg/m3	Day : 95	4.5		231	58
0706_01	10 mg/m3	Day : 94		1.2		
0706_01	10 mg/m3	Day : 95	3.8		255	43
0707_01	10 mg/m3	Day : 94		1.2		
0707_01	10 mg/m3	Day : 95	4.1		277	60
0708_01	10 mg/m3	Day : 94		1.4		
0708_01	10 mg/m3	Day : 95	4.4		281	76
0709_01	10 mg/m3	Day : 94		1.4		
0709_01	10 mg/m3	Day : 95	4.5		246	63

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:28

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
0710_01	10 mg/m3	Day : 94		1.3		
0710_01	10 mg/m3	Day : 95	4		353	66
0711_01	10 mg/m3	Day : 3		1.6		
0711_01	10 mg/m3	Day : 4	3.7		595	32
0711_01	10 mg/m3	Day : 23		1.5		
0711_01	10 mg/m3	Day : 24	4		296	25
0712_01	10 mg/m3	Day : 3		2		
0712_01	10 mg/m3	Day : 4	4		622	37
0712_01	10 mg/m3	Day : 23		1.4		
0712_01	10 mg/m3	Day : 24	3.7		336	23
0713_01	10 mg/m3	Day : 3		2.1		
0713_01	10 mg/m3	Day : 4	3.9		495	37
0713_01	10 mg/m3	Day : 23		1.4		
0713_01	10 mg/m3	Day : 24	3.6		307	31
0714_01	10 mg/m3	Day : 3		2		
0714_01	10 mg/m3	Day : 4	4		557	37
0714_01	10 mg/m3	Day : 23		1.8		
0714_01	10 mg/m3	Day : 24	3.9		318	23
0715_01	10 mg/m3	Day : 3		1.9		
0715_01	10 mg/m3	Day : 4	3.9		531	33
0715_01	10 mg/m3	Day : 23		1.6		
0715_01	10 mg/m3	Day : 24	3.8		308	28

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

## P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:28

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
0716_01	10 mg/m3	Day : 3		1.7		
0716_01	10 mg/m3	Day : 4	3.9		472	34
0716_01	10 mg/m3	Day : 23		2		
0716_01	10 mg/m3	Day : 24	4.1		302	31
0717_01	10 mg/m3	Day : 3		2.1		
0717_01	10 mg/m3	Day : 4	4.1		617	31
0717_01	10 mg/m3	Day : 23		1.4		
0717_01	10 mg/m3	Day : 24	3.8		339	28
0718_01	10 mg/m3	Day : 3		1.9		
0718_01	10 mg/m3	Day : 4	3.7		581	40
0718_01	10 mg/m3	Day : 23		1.8		
0718_01	10 mg/m3	Day : 24	4		324	36
0719_01	10 mg/m3	Day : 3		1.7		
0719_01	10 mg/m3	Day : 4	3.8		566	33
0719_01	10 mg/m3	Day : 23		1.9		
0719_01	10 mg/m3	Day : 24	4		291	24
0720_01	10 mg/m3	Day : 3		2		
0720_01	10 mg/m3	Day : 4	3.8		463	35
0720_01	10 mg/m3	Day : 23		1.5		
0720_01	10 mg/m3	Day : 24	3.8		326	33
0901_01	30 mg/m3	Day : 94		1.2		
0901_01	30 mg/m3	Day : 95	3.8		350	118

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:28

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
0902_01	30 mg/m3	Day : 94		1.5		
0902_01	30 mg/m3	Day : 95	4.4		314	73
0903_01	30 mg/m3	Day : 94		1.7		
0903_01	30 mg/m3	Day : 95	4.3		421	95
0904_01	30 mg/m3	Day : 94		1.2		
0904_01	30 mg/m3	Day : 95	4		369	107
0905_01	30 mg/m3	Day : 94		1.3		
0905_01	30 mg/m3	Day : 95	4		376	75
0906_01	30 mg/m3	Day : 94		1.4		
0906_01	30 mg/m3	Day : 95	3.8		349	55
0907_01	30 mg/m3	Day : 94		1.4		
0907_01	30 mg/m3	Day : 95	4.1		301	46
0908_01	30 mg/m3	Day : 94		1.5		
0908_01	30 mg/m3	Day : 95	4.4		335	71
0909_01	30 mg/m3	Day : 94		1.4		
0909_01	30 mg/m3	Day : 95	4		429	118
0910_01	30 mg/m3	Day : 94		1.3		
0910_01	30 mg/m3	Day : 95	4.1		409	81
0911_01	30 mg/m3	Day : 3		2.5		
0911_01	30 mg/m3	Day : 4	4.3		538	36
0911_01	30 mg/m3	Day : 23		1.4		
0911_01	30 mg/m3	Day : 24	3.8		331	29



Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:28

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
0912_01	30 mg/m3	Day : 3		1.7		
0912_01	30 mg/m3	Day : 4	3.8		626	37
0912_01	30 mg/m3	Day : 23		1.6		
0912_01	30 mg/m3	Day : 24	3.6		297	25
0913_01	30 mg/m3	Day : 3		2		
0913_01	30 mg/m3	Day : 4	4		553	34
0913_01	30 mg/m3	Day : 23		1.5		
0913_01	30 mg/m3	Day : 24	3.7		306	30
0914_01	30 mg/m3	Day : 3		1.6		
0914_01	30 mg/m3	Day : 4	3.6		591	43
0914_01	30 mg/m3	Day : 23		1.6		
0914_01	30 mg/m3	Day : 24	3.6		335	29
0915_01	30 mg/m3	Day : 3		1.4		
0915_01	30 mg/m3	Day : 4	3.5		498	29
0915_01	30 mg/m3	Day : 23		1.5		
0915_01	30 mg/m3	Day : 24	4		316	31
0916_01	30 mg/m3	Day : 3		1.7		
0916_01	30 mg/m3	Day : 4	3.8		530	36
0916_01	30 mg/m3	Day : 23		1.5		
0916_01	30 mg/m3	Day : 24	3.8		333	31
0917_01	30 mg/m3	Day : 3		2.1		
0917_01	30 mg/m3	Day : 4	4.1		550	41

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:29

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
0917_01	30 mg/m3	Day : 23		1.7		
0917_01	30 mg/m3	Day : 24	3.9		353	32
0918_01	30 mg/m3	Day : 3		1.7		
0918_01	30 mg/m3	Day : 4	3.8		533	33
0918_01	30 mg/m3	Day : 23		1.5		
0918_01	30 mg/m3	Day : 24	3.6		352	30
0919_01	30 mg/m3	Day : 3		1.2		
0919_01	30 mg/m3	Day : 4	3.2		510	36
0919_01	30 mg/m3	Day : 23		1.7		
0919_01	30 mg/m3	Day : 24	3.8		331	30
0920_01	30 mg/m3	Day : 3		1.4		
0920_01	30 mg/m3	Day : 4	3.4		463	31
0920_01	30 mg/m3	Day : 23		1.7		
0920_01	30 mg/m3	Day : 24	3.8		343	31
1101_01	100 mg/m3	Day : 94		1.3		
1101_01	100 mg/m3	Day : 95	3.4		367	684
1102_01	100 mg/m3	Day : 94		1.2		
1102_01	100 mg/m3	Day : 95	3.7		562	206
1103_01	100 mg/m3	Day : 94		1.2		
1103_01	100 mg/m3	Day : 95	3.2		367	151
1104_01	100 mg/m3	Day : 94		1.1		
1104_01	100 mg/m3	Day : 95	3.4		484	209

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:29

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
1105_01	100 mg/m3	Day : 94		1		
1105_01	100 mg/m3	Day : 95	3		350	146
1106_01	100 mg/m3	Day : 94		0.8		
1106_01	100 mg/m3	Day : 95	2.7		392	121
1107_01	100 mg/m3	Day : 94		1		
1107_01	100 mg/m3	Day : 95	3.1		374	175
1108_01	100 mg/m3	Day : 94		0.8		
1108_01	100 mg/m3	Day : 95	2.7		367	287
1109_01	100 mg/m3	Day : 94		0.9		
1109_01	100 mg/m3	Day : 95	2.8		413	686
1110_01	100 mg/m3	Day : 94		1		
1110_01	100 mg/m3	Day : 95	2.7		401	224
1111_01	100 mg/m3	Day : 3		1.5		
1111_01	100 mg/m3	Day : 4	3.7		532	30
1111_01	100 mg/m3	Day : 23		1.3		
1111_01	100 mg/m3	Day : 24	3.7		360	27
1112_01	100 mg/m3	Day : 3		1.3		
1112_01	100 mg/m3	Day : 4	3.6		537	32
1112_01	100 mg/m3	Day : 23		1.3		
1112_01	100 mg/m3	Day : 24	3.7		295	33
1113_01	100 mg/m3	Day : 3		2.7		
1113_01	100 mg/m3	Day : 4	4.3		543	33

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:29

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
1113_01	100 mg/m3	Day : 23		1.4		
1113_01	100 mg/m3	Day : 24	3.8		368	31
1114_01	100 mg/m3	Day : 3		1.9		
1114_01	100 mg/m3	Day : 4	3.9		524	33
1114_01	100 mg/m3	Day : 23		1.6		
1114_01	100 mg/m3	Day : 24	3.8		359	33
1115_01	100 mg/m3	Day : 3		1.3		
1115_01	100 mg/m3	Day : 4	3.4		420	35
1115_01	100 mg/m3	Day : 23		1.5		
1115_01	100 mg/m3	Day : 24	3.9		356	40
1116_01	100 mg/m3	Day : 3		1.7		
1116_01	100 mg/m3	Day : 4	3.7		573	35
1116_01	100 mg/m3	Day : 23		1.7		
1116_01	100 mg/m3	Day : 24	4		439	53
1117_01	100 mg/m3	Day : 3		2		
1117_01	100 mg/m3	Day : 4	3.9		441	31
1117_01	100 mg/m3	Day : 23		1.2		
1117_01	100 mg/m3	Day : 24	3.6		350	33
1118_01	100 mg/m3	Day : 3		2.4		
1118_01	100 mg/m3	Day : 4	4.1		530	34
1118_01	100 mg/m3	Day : 23		1.4		
1118_01	100 mg/m3	Day : 24	3.8		362	38

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:29

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
1119_01	100 mg/m3	Day : 3		1.6		
1119_01	100 mg/m3	Day : 4	3.9		492	29
1119_01	100 mg/m3	Day : 23		1.7		
1119_01	100 mg/m3	Day : 24	4		329	30
1120_01	100 mg/m3	Day : 3		1.7		
1120_01	100 mg/m3	Day : 4	3.8		621	35
1120_01	100 mg/m3	Day : 23		1.5		
1120_01	100 mg/m3	Day : 24	3.6		383	41

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

## P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:29

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
0101_01	0 mg/m3	Day : 94				
0101_01	0 mg/m3	Day : 95	18.6	18	74	0.8
0102_01	0 mg/m3	Day : 94				
0102_01	0 mg/m3	Day : 95	19.4	20	462	0.8
0103_01	0 mg/m3	Day : 94				
0103_01	0 mg/m3	Day : 95	89.5	21	97	0.9
0104_01	0 mg/m3	Day : 94				
0104_01	0 mg/m3	Day : 95	23.9	18	60	0.7
0105_01	0 mg/m3	Day : 94				
0105_01	0 mg/m3	Day : 95	58.2	20	119	1
0106_01	0 mg/m3	Day : 94				
0106_01	0 mg/m3	Day : 95	25.3	21	192	0.9
0107_01	0 mg/m3	Day : 94				
0107_01	0 mg/m3	Day : 95	18.6	21	160	0.9
0108_01	0 mg/m3	Day : 94				
0108_01	0 mg/m3	Day : 95	31.1	22	143	0.9
0109_01	0 mg/m3	Day : 94				
0109_01	0 mg/m3	Day : 95	35.7	25	259	1
0110_01	0 mg/m3	Day : 94				
0110_01	0 mg/m3	Day : 95	23.5	21	288	1
0111_01	0 mg/m3	Day : 3				
0111_01	0 mg/m3	Day : 4	22.8	15	311	0.6

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

## P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:29

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
0111_01	0 mg/m3	Day : 23				
0111_01	0 mg/m3	Day : 24	18.1	14	391	0.6
0112_01	0 mg/m3	Day : 3				
0112_01	0 mg/m3	Day : 4	20.6	18	273	0.6
0112_01	0 mg/m3	Day : 23				
0112_01	0 mg/m3	Day : 24	48.1	15	314	0.7
0113_01	0 mg/m3	Day : 3				
0113_01	0 mg/m3	Day : 4	26.7	18	311	0.6
0113_01	0 mg/m3	Day : 23				
0113_01	0 mg/m3	Day : 24	21.9	14	379	0.8
0114_01	0 mg/m3	Day : 3				
0114_01	0 mg/m3	Day : 4	20	17	572	0.6
0114_01	0 mg/m3	Day : 23				
0114_01	0 mg/m3	Day : 24	20.3	12	238	0.6
0115_01	0 mg/m3	Day : 3				
0115_01	0 mg/m3	Day : 4	22.3	16	214	0.6
0115_01	0 mg/m3	Day : 23				
0115_01	0 mg/m3	Day : 24	20.6	13	275	0.6
0116_01	0 mg/m3	Day : 3				
0116_01	0 mg/m3	Day : 4	23.5	17	850	0.6
0116_01	0 mg/m3	Day : 23				
0116_01	0 mg/m3	Day : 24	37.6	17	292	0.8

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:29

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
0116_01	0 mg/m3	Day : 24	37.6	17	292	0.8
0117_01	0 mg/m3	Day : 3				
0117_01	0 mg/m3	Day : 4	17.6	16	228	0.6
0117_01	0 mg/m3	Day : 23				
0117_01	0 mg/m3	Day : 24	46.1	14	542	0.8
0118_01	0 mg/m3	Day : 3				
0118_01	0 mg/m3	Day : 4	17.5	15	223	0.7
0118_01	0 mg/m3	Day : 23				
0118_01	0 mg/m3	Day : 24	17.3	13	218	0.7
0119_01	0 mg/m3	Day : 3				
0119_01	0 mg/m3	Day : 4	19.7	15	228	0.6
0119_01	0 mg/m3	Day : 23				
0119_01	0 mg/m3	Day : 24	17.7	13	154	0.7
0120_01	0 mg/m3	Day : 3				
0120_01	0 mg/m3	Day : 4	19	19	382	0.7
0120_01	0 mg/m3	Day : 23				
0120_01	0 mg/m3	Day : 24	21.9	13	373	0.7
0301_01	1 mg/m3	Day : 94				
0301_01	1 mg/m3	Day : 95	23.6	22	273	0.9
0302_01	1 mg/m3	Day : 94				
0302_01	1 mg/m3	Day : 95	43.6	21	482	1.1
0303_01	1 mg/m3	Day : 94				



Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:30

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
0303_01	1 mg/m3	Day : 95	17	19	136	0.9
0304_01	1 mg/m3	Day : 94				
0304_01	1 mg/m3	Day : 95	19.2	18	96	0.9
0305_01	1 mg/m3	Day : 94				
0305_01	1 mg/m3	Day : 95	16.4	19	203	0.8
0306_01	1 mg/m3	Day : 94				
0306_01	1 mg/m3	Day : 95	20.6	22	271	1
0307_01	1 mg/m3	Day : 94				
0307_01	1 mg/m3	Day : 95	39	20	229	1
0308_01	1 mg/m3	Day : 94				
0308_01	1 mg/m3	Day : 95	17.6	20	127	0.9
0309_01	1 mg/m3	Day : 94				
0309_01	1 mg/m3	Day : 95	19.1	22	113	0.9
0310_01	1 mg/m3	Day : 94				
0310_01	1 mg/m3	Day : 95	15.9	19	111	0.8
0311_01	1 mg/m3	Day : 3				
0311_01	1 mg/m3	Day : 4	25.2	18	413	0.6
0311_01	1 mg/m3	Day : 23				
0311_01	1 mg/m3	Day : 24	19.3	15	264	0.8
0312_01	1 mg/m3	Day : 3				
0312_01	1 mg/m3	Day : 4	23.8	18	543	0.6
0312_01	1 mg/m3	Day : 23				

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:30

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
0312_01	1 mg/m3	Day : 23				
0312_01	1 mg/m3	Day : 24	25.7	14	380	0.7
0313_01	1 mg/m3	Day : 3				
0313_01	1 mg/m3	Day : 4	45.6	19	443	0.6
0313_01	1 mg/m3	Day : 23				
0313_01	1 mg/m3	Day : 24	16	13	294	0.7
0314_01	1 mg/m3	Day : 3				
0314_01	1 mg/m3	Day : 4	29	20	273	0.6
0314_01	1 mg/m3	Day : 23				
0314_01	1 mg/m3	Day : 24	77.2	13	281	0.8
0315_01	1 mg/m3	Day : 3				
0315_01	1 mg/m3	Day : 4	20.3	17	287	0.6
0315_01	1 mg/m3	Day : 23				
0315_01	1 mg/m3	Day : 24	20.5	13	454	0.6
0316_01	1 mg/m3	Day : 3				
0316_01	1 mg/m3	Day : 4	22.9	16	317	0.6
0316_01	1 mg/m3	Day : 23				
0316_01	1 mg/m3	Day : 24	17.9	13	294	0.7
0317_01	1 mg/m3	Day : 3				
0317_01	1 mg/m3	Day : 4	18	19	245	0.6
0317_01	1 mg/m3	Day : 23				
0317_01	1 mg/m3	Day : 24	13.4	13	271	0.7

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:30

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
0318_01	1 mg/m3	Day : 3				
0318_01	1 mg/m3	Day : 4	21.7	18	296	0.6
0318_01	1 mg/m3	Day : 23				
0318_01	1 mg/m3	Day : 24	25.8	12	267	0.8
0319_01	1 mg/m3	Day : 3				
0319_01	1 mg/m3	Day : 4	22.1	16	235	0.6
0319_01	1 mg/m3	Day : 23				
0319_01	1 mg/m3	Day : 24	19.2	14	268	0.7
0320_01	1 mg/m3	Day : 3				
0320_01	1 mg/m3	Day : 4	25.7	15	382	0.6
0320_01	1 mg/m3	Day : 23				
0320_01	1 mg/m3	Day : 24	27	13	276	0.7
0501_01	3 mg/m3	Day : 94				
0501_01	3 mg/m3	Day : 95	19.2	21	78	0.8
0502_01	3 mg/m3	Day : 94				
0502_01	3 mg/m3	Day : 95	53.2	22	152	0.9
0503_01	3 mg/m3	Day : 94				
0503_01	3 mg/m3	Day : 95	17.8	22	106	0.8
0504_01	3 mg/m3	Day : 94				
0504_01	3 mg/m3	Day : 95	19.1	20	95	0.8
0505_01	3 mg/m3	Day : 94				
0505_01	3 mg/m3	Day : 95	64.4	20	328	1

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:30

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
0505_01	3 mg/m3	Day : 95	64.4	20	328	1
0506_01	3 mg/m3	Day : 94				
0506_01	3 mg/m3	Day : 95	22.2	20	83	0.9
0507_01	3 mg/m3	Day : 94				
0507_01	3 mg/m3	Day : 95	15.3	23	97	1
0508_01	3 mg/m3	Day : 94				
0508_01	3 mg/m3	Day : 95	17.3	18	76	0.9
0509_01	3 mg/m3	Day : 94				
0509_01	3 mg/m3	Day : 95	13.6	19	216	0.8
0510_01	3 mg/m3	Day : 94				
0510_01	3 mg/m3	Day : 95	19.5	19	48	0.8
0511_01	3 mg/m3	Day : 3				
0511_01	3 mg/m3	Day : 4	24.1	15	174	0.6
0511_01	3 mg/m3	Day : 23				
0511_01	3 mg/m3	Day : 24	70.5	15	1234	0.7
0512_01	3 mg/m3	Day : 3				
0512_01	3 mg/m3	Day : 4	28.3	17	410	0.7
0512_01	3 mg/m3	Day : 23				
0512_01	3 mg/m3	Day : 24	26	13	314	0.6
0513_01	3 mg/m3	Day : 3				
0513_01	3 mg/m3	Day : 4	24.6	14	198	0.5
0513_01	3 mg/m3	Day : 23				

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:30

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
0513_01	3 mg/m3	Day : 24	14.7	13	183	0.7
0514_01	3 mg/m3	Day : 3				
0514_01	3 mg/m3	Day : 4	52.7	16	634	0.7
0514_01	3 mg/m3	Day : 23				
0514_01	3 mg/m3	Day : 24	26.8	13	307	0.7
0515_01	3 mg/m3	Day : 3				
0515_01	3 mg/m3	Day : 4	20.7	19	281	0.6
0515_01	3 mg/m3	Day : 23				
0515_01	3 mg/m3	Day : 24	26.6	15	760	0.7
0516_01	3 mg/m3	Day : 3				
0516_01	3 mg/m3	Day : 4	20.5	15	209	0.6
0516_01	3 mg/m3	Day : 23				
0516_01	3 mg/m3	Day : 24	15.8	11	201	0.7
0517_01	3 mg/m3	Day : 3				
0517_01	3 mg/m3	Day : 4	18.5	14	227	0.6
0517_01	3 mg/m3	Day : 23				
0517_01	3 mg/m3	Day : 24	17.9	14	271	0.7
0518_01	3 mg/m3	Day : 3				
0518_01	3 mg/m3	Day : 4	20	12	224	0.6
0518_01	3 mg/m3	Day : 23				
0518_01	3 mg/m3	Day : 24	43.9	14	267	0.7
0519_01	3 mg/m3	Day : 3				

## 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
0519_01	3 mg/m3	Day : 3				
0519_01	3 mg/m3	Day : 4	17.8	13	199	0.6
0519_01	3 mg/m3	Day : 23				
0519_01	3 mg/m3	Day : 24	23.8	14	174	0.7
0520_01	3 mg/m3	Day : 3				
0520_01	3 mg/m3	Day : 4	17.9	15	246	0.6
0520_01	3 mg/m3	Day : 23				
0520_01	3 mg/m3	Day : 24	18.4	13	308	0.7
0701_01	10 mg/m3	Day : 94				
0701_01	10 mg/m3	Day : 95	28.7	19	225	0.8
0702_01	10 mg/m3	Day : 94				
0702_01	10 mg/m3	Day : 95	19.2	19	86	0.7
0703_01	10 mg/m3	Day : 94				
0703_01	10 mg/m3	Day : 95	18.3	21	61	0.8
0704_01	10 mg/m3	Day : 94				
0704_01	10 mg/m3	Day : 95	33.7	17	71	0.8
0705_01	10 mg/m3	Day : 94				
0705_01	10 mg/m3	Day : 95	14.2	19	59	0.8
0706_01	10 mg/m3	Day : 94				
0706_01	10 mg/m3	Day : 95	13.6	20	113	0.8
0707_01	10 mg/m3	Day : 94				
0707_01	10 mg/m3	Day : 95	16.7	17	158	0.8

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

## P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:30

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
0708_01	10 mg/m3	Day : 94				
0708_01	10 mg/m3	Day : 95	17.7	18	125	0.9
0709_01	10 mg/m3	Day : 94				
0709_01	10 mg/m3	Day : 95	20.1	18	123	1
0710_01	10 mg/m3	Day : 94				
0710_01	10 mg/m3	Day : 95	16.9	19	277	0.8
0711_01	10 mg/m3	Day : 3				
0711_01	10 mg/m3	Day : 4	20	16	224	0.6
0711_01	10 mg/m3	Day : 23				
0711_01	10 mg/m3	Day : 24	19.9	12	283	0.7
0712_01	10 mg/m3	Day : 3				
0712_01	10 mg/m3	Day : 4	21.9	19	230	0.6
0712_01	10 mg/m3	Day : 23				
0712_01	10 mg/m3	Day : 24	18.9	14	311	0.6
0713_01	10 mg/m3	Day : 3				
0713_01	10 mg/m3	Day : 4	23.9	16	295	0.6
0713_01	10 mg/m3	Day : 23				
0713_01	10 mg/m3	Day : 24	20.2	13	351	0.7
0714_01	10 mg/m3	Day : 3				
0714_01	10 mg/m3	Day : 4	22.5	15	231	0.6
0714_01	10 mg/m3	Day : 23				
0714_01	10 mg/m3	Day : 24	20.2	11	299	0.7

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:31

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
0714_01	10 mg/m3	Day : 24	20.2	11	299	0.7
0715_01	10 mg/m3	Day : 3				
0715_01	10 mg/m3	Day : 4	40.7	17	245	0.6
0715_01	10 mg/m3	Day : 23				
0715_01	10 mg/m3	Day : 24	15.7	13	293	0.7
0716_01	10 mg/m3	Day : 3				
0716_01	10 mg/m3	Day : 4	21.6	12	220	0.6
0716_01	10 mg/m3	Day : 23				
0716_01	10 mg/m3	Day : 24	52.2	13	292	0.7
0717_01	10 mg/m3	Day : 3				
0717_01	10 mg/m3	Day : 4	18.8	16	211	0.6
0717_01	10 mg/m3	Day : 23				
0717_01	10 mg/m3	Day : 24	26.9	12	239	0.7
0718_01	10 mg/m3	Day : 3				
0718_01	10 mg/m3	Day : 4	30.4	16	806	0.6
0718_01	10 mg/m3	Day : 23				
0718_01	10 mg/m3	Day : 24	70.6	15	348	0.6
0719_01	10 mg/m3	Day : 3				
0719_01	10 mg/m3	Day : 4	17.6	13	321	0.6
0719_01	10 mg/m3	Day : 23				
0719_01	10 mg/m3	Day : 24	15.8	13	321	0.7
0720_01	10 mg/m3	Day : 3				



Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:31

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
0720_01	10 mg/m3	Day : 4	26.7	15	281	0.6
0720_01	10 mg/m3	Day : 23				
0720_01	10 mg/m3	Day : 24	19.2	13	308	0.7
0901_01	30 mg/m3	Day : 94				
0901_01	30 mg/m3	Day : 95	20.4	18	130	0.8
0902_01	30 mg/m3	Day : 94				
0902_01	30 mg/m3	Day : 95	20.2	18	137	0.8
0903_01	30 mg/m3	Day : 94				
0903_01	30 mg/m3	Day : 95	23.3	18	158	0.9
0904_01	30 mg/m3	Day : 94				
0904_01	30 mg/m3	Day : 95	18.2	20	107	0.9
0905_01	30 mg/m3	Day : 94				
0905_01	30 mg/m3	Day : 95	14.2	20	90	0.8
0906_01	30 mg/m3	Day : 94				
0906_01	30 mg/m3	Day : 95	20.8	21	95	0.8
0907_01	30 mg/m3	Day : 94				
0907_01	30 mg/m3	Day : 95	16.6	17	77	0.8
0908_01	30 mg/m3	Day : 94				
0908_01	30 mg/m3	Day : 95	16.5	19	81	0.8
0909_01	30 mg/m3	Day : 94				
0909_01	30 mg/m3	Day : 95	24	24	107	0.8
0910_01	30 mg/m3	Day : 94				

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:31

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
0910_01	30 mg/m3	Day : 94				
0910_01	30 mg/m3	Day : 95	18	15	76	0.8
0911_01	30 mg/m3	Day : 3				
0911_01	30 mg/m3	Day : 4	28.6	16	219	0.6
0911_01	30 mg/m3	Day : 23				
0911_01	30 mg/m3	Day : 24	23.2	14	209	0.7
0912_01	30 mg/m3	Day : 3				
0912_01	30 mg/m3	Day : 4	31.8	18	373	0.5
0912_01	30 mg/m3	Day : 23				
0912_01	30 mg/m3	Day : 24	26.7	13	340	0.6
0913_01	30 mg/m3	Day : 3				
0913_01	30 mg/m3	Day : 4	18.4	19	187	0.6
0913_01	30 mg/m3	Day : 23				
0913_01	30 mg/m3	Day : 24	23.9	11	299	0.6
0914_01	30 mg/m3	Day : 3				
0914_01	30 mg/m3	Day : 4	NT	17	2670*	NT
0914_01	30 mg/m3	Day : 23				
0914_01	30 mg/m3	Day : 24	44.8	12	416	0.7
0915_01	30 mg/m3	Day : 3				
0915_01	30 mg/m3	Day : 4	14.8	12	176	0.6
0915_01	30 mg/m3	Day : 23				
0915_01	30 mg/m3	Day : 24	37.7	12	244	0.6

Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:31

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
0916_01	30 mg/m3	Day : 3				
0916_01	30 mg/m3	Day : 4	22.5	16	211	0.5
0916_01	30 mg/m3	Day : 23				
0916_01	30 mg/m3	Day : 24	27.1	12	153	0.6
0917_01	30 mg/m3	Day : 3				
0917_01	30 mg/m3	Day : 4	21.4	15	183	0.6
0917_01	30 mg/m3	Day : 23				
0917_01	30 mg/m3	Day : 24	17.6	12	173	0.6
0918_01	30 mg/m3	Day : 3				
0918_01	30 mg/m3	Day : 4	21.7	16	212	0.6
0918_01	30 mg/m3	Day : 23				
0918_01	30 mg/m3	Day : 24	20.1	13	165	0.6
0919_01	30 mg/m3	Day : 3				
0919_01	30 mg/m3	Day : 4	25.5	14	201	0.6
0919_01	30 mg/m3	Day : 23				
0919_01	30 mg/m3	Day : 24	17.7	22	178	0.6
0920_01	30 mg/m3	Day : 3				
0920_01	30 mg/m3	Day : 4	18.1	11	267	0.7
0920_01	30 mg/m3	Day : 23				
0920_01	30 mg/m3	Day : 24	31.6	13	217	0.6
1101_01	100 mg/m3	Day : 94				
1101_01	100 mg/m3	Day : 95	57.6	32	210	0.6

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:31

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
1101_01	100 mg/m3	Day : 95	57.6	32	210	0.6
1102_01	100 mg/m3	Day : 94				
1102_01	100 mg/m3	Day : 95	27.2	24	133	0.7
1103_01	100 mg/m3	Day : 94				
1103_01	100 mg/m3	Day : 95	32.2	28	181	0.6
1104_01	100 mg/m3	Day : 94				
1104_01	100 mg/m3	Day : 95	28.6	26	189	0.7
1105_01	100 mg/m3	Day : 94				
1105_01	100 mg/m3	Day : 95	21.9	29	158	0.7
1106_01	100 mg/m3	Day : 94				
1106_01	100 mg/m3	Day : 95	29.8	25	127	0.7
1107_01	100 mg/m3	Day : 94				
1107_01	100 mg/m3	Day : 95	22.7	28	168	0.6
1108_01	100 mg/m3	Day : 94				
1108_01	100 mg/m3	Day : 95	27.9	35	202	0.7
1109_01	100 mg/m3	Day : 94				
1109_01	100 mg/m3	Day : 95	31	41	246	0.6
1110_01	100 mg/m3	Day : 94				
1110_01	100 mg/m3	Day : 95	27.1	44	341	0.7
1111_01	100 mg/m3	Day : 3				
1111_01	100 mg/m3	Day : 4	29.2	16	182	0.7
1111_01	100 mg/m3	Day : 23				

Experiment Number: 88124-01

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 14:58:31

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
1111_01	100 mg/m3	Day : 24	24.8	14	269	0.7
1112_01	100 mg/m3	Day : 3				
1112_01	100 mg/m3	Day : 4	21.7	14	284	0.7
1112_01	100 mg/m3	Day : 23				
1112_01	100 mg/m3	Day : 24	18.3	13	301	0.6
1113_01	100 mg/m3	Day : 3				
1113_01	100 mg/m3	Day : 4	25.7	17	220	0.6
1113_01	100 mg/m3	Day : 23				
1113_01	100 mg/m3	Day : 24	31.1	11	258	0.7
1114_01	100 mg/m3	Day : 3				
1114_01	100 mg/m3	Day : 4	27.5	19	242	0.6
1114_01	100 mg/m3	Day : 23				
1114_01	100 mg/m3	Day : 24	23	14	269	0.7
1115_01	100 mg/m3	Day : 3				
1115_01	100 mg/m3	Day : 4	24.4	13	207	0.6
1115_01	100 mg/m3	Day : 23				
1115_01	100 mg/m3	Day : 24	44.8	13	324	0.7
1116_01	100 mg/m3	Day : 3				
1116_01	100 mg/m3	Day : 4	22.1	18	470	0.6
1116_01	100 mg/m3	Day : 23				
1116_01	100 mg/m3	Day : 24	31.6	17	420	0.7
1117_01	100 mg/m3	Day : 3				

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:31

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
1117_01	100 mg/m3	Day : 3				
1117_01	100 mg/m3	Day : 4	16.2	16	235	0.6
1117_01	100 mg/m3	Day : 23				
1117_01	100 mg/m3	Day : 24	27	13	346	0.7
1118_01	100 mg/m3	Day : 3				
1118_01	100 mg/m3	Day : 4	15.7	18	217	0.6
1118_01	100 mg/m3	Day : 23				
1118_01	100 mg/m3	Day : 24	18	15	268	0.7
1119_01	100 mg/m3	Day : 3				
1119_01	100 mg/m3	Day : 4	22.6	16	196	0.6
1119_01	100 mg/m3	Day : 23				
1119_01	100 mg/m3	Day : 24	22.6	12	260	0.7
1120_01	100 mg/m3	Day : 3				
1120_01	100 mg/m3	Day : 4	22.1	15	169	0.6
1120_01	100 mg/m3	Day : 23				
1120_01	100 mg/m3	Day : 24	56.8	12	367	0.6

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:31

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0101_01	0 mg/m3	Day : 94	3.1		
0101_01	0 mg/m3	Day : 95		7.8	20
0102_01	0 mg/m3	Day : 94	3.5		
0102_01	0 mg/m3	Day : 95		7.7	22
0103_01	0 mg/m3	Day : 94	3		
0103_01	0 mg/m3	Day : 95		7.1	23
0104_01	0 mg/m3	Day : 94	3.3		
0104_01	0 mg/m3	Day : 95		7.3	15
0105_01	0 mg/m3	Day : 94	3		
0105_01	0 mg/m3	Day : 95		7.5	21
0106_01	0 mg/m3	Day : 94	3.1		
0106_01	0 mg/m3	Day : 95		7.3	16
0107_01	0 mg/m3	Day : 94	3.6		
0107_01	0 mg/m3	Day : 95		7.6	22
0108_01	0 mg/m3	Day : 94	2.8		
0108_01	0 mg/m3	Day : 95		7.5	74*
0109_01	0 mg/m3	Day : 94	2.8		
0109_01	0 mg/m3	Day : 95		6.8	20
0110_01	0 mg/m3	Day : 94	3.5		
0110_01	0 mg/m3	Day : 95		7.9	12
0111_01	0 mg/m3	Day : 3	2.3		
0111_01	0 mg/m3	Day : 4		5.9	11

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0111_01	0 mg/m3	Day : 23	2.4		
0111_01	0 mg/m3	Day : 24		6.3	11
0112_01	0 mg/m3	Day : 3	1.8		
0112_01	0 mg/m3	Day : 4		5.7	14
0112_01	0 mg/m3	Day : 23	2.4		
0112_01	0 mg/m3	Day : 24		6.3	21
0113_01	0 mg/m3	Day : 3	2.1		
0113_01	0 mg/m3	Day : 4		6.1	15
0113_01	0 mg/m3	Day : 23	2.4		
0113_01	0 mg/m3	Day : 24		6.1	21
0114_01	0 mg/m3	Day : 3	1.7		
0114_01	0 mg/m3	Day : 4		5.7	13
0114_01	0 mg/m3	Day : 23	2.2		
0114_01	0 mg/m3	Day : 24		5.9	14
0115_01	0 mg/m3	Day : 3	2.2		
0115_01	0 mg/m3	Day : 4		6.1	16
0115_01	0 mg/m3	Day : 23	2.6		
0115_01	0 mg/m3	Day : 24		6.2	14
0116_01	0 mg/m3	Day : 3	2.1		
0116_01	0 mg/m3	Day : 4		5.8	13
0116_01	0 mg/m3	Day : 23	2.4		
0116_01	0 mg/m3	Day : 24		6	17



Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0117_01	0 mg/m3	Day : 3	2.1		
0117_01	0 mg/m3	Day : 4		6.1	17
0117_01	0 mg/m3	Day : 23	2.1		
0117_01	0 mg/m3	Day : 24		5.9	21
0118_01	0 mg/m3	Day : 3	2.7		
0118_01	0 mg/m3	Day : 4		6.3	17
0118_01	0 mg/m3	Day : 23	2.6		
0118_01	0 mg/m3	Day : 24		6.3	16
0119_01	0 mg/m3	Day : 3	2.3		
0119_01	0 mg/m3	Day : 4		5.9	16
0119_01	0 mg/m3	Day : 23	2.7		
0119_01	0 mg/m3	Day : 24		6.5	18
0120_01	0 mg/m3	Day : 3	2.5		
0120_01	0 mg/m3	Day : 4		6.3	17
0120_01	0 mg/m3	Day : 23	2.4		
0120_01	0 mg/m3	Day : 24		6.1	16
0301_01	1 mg/m3	Day : 94	3		
0301_01	1 mg/m3	Day : 95		6.9	15
0302_01	1 mg/m3	Day : 94	3.2		
0302_01	1 mg/m3	Day : 95		7.2	21
0303_01	1 mg/m3	Day : 94	3.1		
0303_01	1 mg/m3	Day : 95		7.2	21

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0304_01	1 mg/m3	Day : 94	3.3		
0304_01	1 mg/m3	Day : 95		7.7	22
0305_01	1 mg/m3	Day : 94	3.4		
0305_01	1 mg/m3	Day : 95		7.8	13
0306_01	1 mg/m3	Day : 94	3.5		
0306_01	1 mg/m3	Day : 95		7.6	30
0307_01	1 mg/m3	Day : 94	3.1		
0307_01	1 mg/m3	Day : 95		7.4	21
0308_01	1 mg/m3	Day : 94	3.1		
0308_01	1 mg/m3	Day : 95		7.5	20
0309_01	1 mg/m3	Day : 94	2.9		
0309_01	1 mg/m3	Day : 95		7.2	21
0310_01	1 mg/m3	Day : 94	3.2		
0310_01	1 mg/m3	Day : 95		7.1	16
0311_01	1 mg/m3	Day : 3	2.5		
0311_01	1 mg/m3	Day : 4		6.1	12
0311_01	1 mg/m3	Day : 23	2.5		
0311_01	1 mg/m3	Day : 24		6.4	17
0312_01	1 mg/m3	Day : 3	2.5		
0312_01	1 mg/m3	Day : 4		6.1	15
0312_01	1 mg/m3	Day : 23	2.7		
0312_01	1 mg/m3	Day : 24		6.4	12

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0313_01	1 mg/m3	Day : 3	2.2		
0313_01	1 mg/m3	Day : 4		6.1	12
0313_01	1 mg/m3	Day : 23	2.5		
0313_01	1 mg/m3	Day : 24		6.4	16
0314_01	1 mg/m3	Day : 3	2.3		
0314_01	1 mg/m3	Day : 4		6.3	15
0314_01	1 mg/m3	Day : 23	2.4		
0314_01	1 mg/m3	Day : 24		6	22
0315_01	1 mg/m3	Day : 3	2.2		
0315_01	1 mg/m3	Day : 4		5.9	15
0315_01	1 mg/m3	Day : 23	2.1		
0315_01	1 mg/m3	Day : 24		6.1	14
0316_01	1 mg/m3	Day : 3	2		
0316_01	1 mg/m3	Day : 4		5.9	15
0316_01	1 mg/m3	Day : 23	2.4		
0316_01	1 mg/m3	Day : 24		6.1	15
0317_01	1 mg/m3	Day : 3	2		
0317_01	1 mg/m3	Day : 4		5.8	14
0317_01	1 mg/m3	Day : 23	2.4		
0317_01	1 mg/m3	Day : 24		6.2	17
0318_01	1 mg/m3	Day : 3	2.2		
0318_01	1 mg/m3	Day : 4		5.8	13

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0318_01	1 mg/m3	Day : 23	2.5		
0318_01	1 mg/m3	Day : 24		6.4	20
0319_01	1 mg/m3	Day : 3	1.9		
0319_01	1 mg/m3	Day : 4		6	15
0319_01	1 mg/m3	Day : 23	2.4		
0319_01	1 mg/m3	Day : 24		6.2	16
0320_01	1 mg/m3	Day : 3	1.9		
0320_01	1 mg/m3	Day : 4		5.8	15
0320_01	1 mg/m3	Day : 23	2.6		
0320_01	1 mg/m3	Day : 24		6.2	15
0501_01	3 mg/m3	Day : 94	2.6		
0501_01	3 mg/m3	Day : 95		7.4	20
0502_01	3 mg/m3	Day : 94	3.1		
0502_01	3 mg/m3	Day : 95		7.3	20
0503_01	3 mg/m3	Day : 94	3		
0503_01	3 mg/m3	Day : 95		7.2	24
0504_01	3 mg/m3	Day : 94	3.2		
0504_01	3 mg/m3	Day : 95		7.8	15
0505_01	3 mg/m3	Day : 94	3.3		
0505_01	3 mg/m3	Day : 95		7.9	19
0506_01	3 mg/m3	Day : 94	3.3		
0506_01	3 mg/m3	Day : 95		7.6	18

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0507_01	3 mg/m3	Day : 94	3.4		
0507_01	3 mg/m3	Day : 95		8.2	23
0508_01	3 mg/m3	Day : 94	2.9		
0508_01	3 mg/m3	Day : 95		7.3	21
0509_01	3 mg/m3	Day : 94	3.1		
0509_01	3 mg/m3	Day : 95		7	18
0510_01	3 mg/m3	Day : 94	3.2		
0510_01	3 mg/m3	Day : 95		7.5	17
0511_01	3 mg/m3	Day : 3	2.6		
0511_01	3 mg/m3	Day : 4		6	13
0511_01	3 mg/m3	Day : 23	2.5		
0511_01	3 mg/m3	Day : 24		6.2	12
0512_01	3 mg/m3	Day : 3	1.7		
0512_01	3 mg/m3	Day : 4		5.6	13
0512_01	3 mg/m3	Day : 23	2.4		
0512_01	3 mg/m3	Day : 24		5.9	15
0513_01	3 mg/m3	Day : 3	1.9		
0513_01	3 mg/m3	Day : 4		5.8	15
0513_01	3 mg/m3	Day : 23	2.6		
0513_01	3 mg/m3	Day : 24		6.7	22
0514_01	3 mg/m3	Day : 3	2.6		
0514_01	3 mg/m3	Day : 4		6.3	13

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0514_01	3 mg/m3	Day : 23	2.4		
0514_01	3 mg/m3	Day : 24		6.3	17
0515_01	3 mg/m3	Day : 3	1.8		
0515_01	3 mg/m3	Day : 4		6	16
0515_01	3 mg/m3	Day : 23	2.3		
0515_01	3 mg/m3	Day : 24		5.9	11
0516_01	3 mg/m3	Day : 3	2.2		
0516_01	3 mg/m3	Day : 4		5.9	15
0516_01	3 mg/m3	Day : 23	2.7		
0516_01	3 mg/m3	Day : 24		6.3	19
0517_01	3 mg/m3	Day : 3	2.5		
0517_01	3 mg/m3	Day : 4		6	14
0517_01	3 mg/m3	Day : 23	2.3		
0517_01	3 mg/m3	Day : 24		6	15
0518_01	3 mg/m3	Day : 3	2.6		
0518_01	3 mg/m3	Day : 4		6.2	14
0518_01	3 mg/m3	Day : 23	2.6		
0518_01	3 mg/m3	Day : 24		6.4	23
0519_01	3 mg/m3	Day : 3	2.5		
0519_01	3 mg/m3	Day : 4		6.2	16
0519_01	3 mg/m3	Day : 23	2.5		
0519_01	3 mg/m3	Day : 24		6.3	21

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:32

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0520_01	3 mg/m3	Day : 3	2.8		
0520_01	3 mg/m3	Day : 4		6.3	14
0520_01	3 mg/m3	Day : 23	2.6		
0520_01	3 mg/m3	Day : 24		6.5	18
0701_01	10 mg/m3	Day : 94	3		
0701_01	10 mg/m3	Day : 95		6.9	21
0702_01	10 mg/m3	Day : 94	3.3		
0702_01	10 mg/m3	Day : 95		7.4	16
0703_01	10 mg/m3	Day : 94	3.1		
0703_01	10 mg/m3	Day : 95		7.5	27
0704_01	10 mg/m3	Day : 94	2.6		
0704_01	10 mg/m3	Day : 95		7.2	20
0705_01	10 mg/m3	Day : 94	2.7		
0705_01	10 mg/m3	Day : 95		7.2	20
0706_01	10 mg/m3	Day : 94	3.2		
0706_01	10 mg/m3	Day : 95		7	16
0707_01	10 mg/m3	Day : 94	3.3		
0707_01	10 mg/m3	Day : 95		7.4	17
0708_01	10 mg/m3	Day : 94	3.2		
0708_01	10 mg/m3	Day : 95		7.6	30
0709_01	10 mg/m3	Day : 94	3.2		
0709_01	10 mg/m3	Day : 95		7.7	30

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0710_01	10 mg/m3	Day : 94	3.2		
0710_01	10 mg/m3	Day : 95		7.2	23
0711_01	10 mg/m3	Day : 3	2.3		
0711_01	10 mg/m3	Day : 4		6	16
0711_01	10 mg/m3	Day : 23	2.7		
0711_01	10 mg/m3	Day : 24		6.7	17
0712_01	10 mg/m3	Day : 3	2		
0712_01	10 mg/m3	Day : 4		6	16
0712_01	10 mg/m3	Day : 23	2.6		
0712_01	10 mg/m3	Day : 24		6.3	14
0713_01	10 mg/m3	Day : 3	1.9		
0713_01	10 mg/m3	Day : 4		5.8	13
0713_01	10 mg/m3	Day : 23	2.5		
0713_01	10 mg/m3	Day : 24		6.1	17
0714_01	10 mg/m3	Day : 3	2		
0714_01	10 mg/m3	Day : 4		6	16
0714_01	10 mg/m3	Day : 23	2.2		
0714_01	10 mg/m3	Day : 24		6.1	13
0715_01	10 mg/m3	Day : 3	2.1		
0715_01	10 mg/m3	Day : 4		6	15
0715_01	10 mg/m3	Day : 23	2.4		
0715_01	10 mg/m3	Day : 24		6.2	17



Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

## P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

## FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0716_01	10 mg/m3	Day : 3	2.3		
0716_01	10 mg/m3	Day : 4		6.2	16
0716_01	10 mg/m3	Day : 23	2.1		
0716_01	10 mg/m3	Day : 24		6.2	22
0717_01	10 mg/m3	Day : 3	2		
0717_01	10 mg/m3	Day : 4		6.1	17
0717_01	10 mg/m3	Day : 23	2.7		
0717_01	10 mg/m3	Day : 24		6.5	23
0718_01	10 mg/m3	Day : 3	2		
0718_01	10 mg/m3	Day : 4		5.7	13
0718_01	10 mg/m3	Day : 23	2.2		
0718_01	10 mg/m3	Day : 24		6.2	13
0719_01	10 mg/m3	Day : 3	2.2		
0719_01	10 mg/m3	Day : 4		6	15
0719_01	10 mg/m3	Day : 23	2.1		
0719_01	10 mg/m3	Day : 24		6.1	17
0720_01	10 mg/m3	Day : 3	1.9		
0720_01	10 mg/m3	Day : 4		5.7	14
0720_01	10 mg/m3	Day : 23	2.6		
0720_01	10 mg/m3	Day : 24		6.4	18
0901_01	30 mg/m3	Day : 94	3.2		
0901_01	30 mg/m3	Day : 95		7	40

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0902_01	30 mg/m3	Day : 94	2.9		
0902_01	30 mg/m3	Day : 95		7.3	26
0903_01	30 mg/m3	Day : 94	2.5		
0903_01	30 mg/m3	Day : 95		6.8	36
0904_01	30 mg/m3	Day : 94	3.4		
0904_01	30 mg/m3	Day : 95		7.4	41
0905_01	30 mg/m3	Day : 94	3.1		
0905_01	30 mg/m3	Day : 95		7.1	22
0906_01	30 mg/m3	Day : 94	2.8		
0906_01	30 mg/m3	Day : 95		6.6	19
0907_01	30 mg/m3	Day : 94	3		
0907_01	30 mg/m3	Day : 95		7.1	18
0908_01	30 mg/m3	Day : 94	3		
0908_01	30 mg/m3	Day : 95		7.4	25
0909_01	30 mg/m3	Day : 94	2.9		
0909_01	30 mg/m3	Day : 95		6.9	42
0910_01	30 mg/m3	Day : 94	3.1		
0910_01	30 mg/m3	Day : 95		7.2	26
0911_01	30 mg/m3	Day : 3	1.7		
0911_01	30 mg/m3	Day : 4		6	15
0911_01	30 mg/m3	Day : 23	2.7		
0911_01	30 mg/m3	Day : 24		6.5	18

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0912_01	30 mg/m3	Day : 3	2.3		
0912_01	30 mg/m3	Day : 4		6.1	14
0912_01	30 mg/m3	Day : 23	2.2		
0912_01	30 mg/m3	Day : 24		5.8	15
0913_01	30 mg/m3	Day : 3	2		
0913_01	30 mg/m3	Day : 4		6	14
0913_01	30 mg/m3	Day : 23	2.5		
0913_01	30 mg/m3	Day : 24		6.2	17
0914_01	30 mg/m3	Day : 3	2.2		
0914_01	30 mg/m3	Day : 4		5.8	11
0914_01	30 mg/m3	Day : 23	2.3		
0914_01	30 mg/m3	Day : 24		5.9	17
0915_01	30 mg/m3	Day : 3	2.5		
0915_01	30 mg/m3	Day : 4		6	15
0915_01	30 mg/m3	Day : 23	2.6		
0915_01	30 mg/m3	Day : 24		6.6	19
0916_01	30 mg/m3	Day : 3	2.2		
0916_01	30 mg/m3	Day : 4		6	16
0916_01	30 mg/m3	Day : 23	2.6		
0916_01	30 mg/m3	Day : 24		6.4	16
0917_01	30 mg/m3	Day : 3	2		
0917_01	30 mg/m3	Day : 4		6.1	14

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
0917_01	30 mg/m3	Day : 23	2.3		
0917_01	30 mg/m3	Day : 24		6.2	20
0918_01	30 mg/m3	Day : 3	2.2		
0918_01	30 mg/m3	Day : 4		6	14
0918_01	30 mg/m3	Day : 23	2.4		
0918_01	30 mg/m3	Day : 24		6	17
0919_01	30 mg/m3	Day : 3	2.6		
0919_01	30 mg/m3	Day : 4		5.8	14
0919_01	30 mg/m3	Day : 23	2.3		
0919_01	30 mg/m3	Day : 24		6.1	20
0920_01	30 mg/m3	Day : 3	2.4		
0920_01	30 mg/m3	Day : 4		5.8	14
0920_01	30 mg/m3	Day : 23	2.3		
0920_01	30 mg/m3	Day : 24		6.1	18
1101_01	100 mg/m3	Day : 94	2.7		
1101_01	100 mg/m3	Day : 95		6.1	102
1102_01	100 mg/m3	Day : 94	3.2		
1102_01	100 mg/m3	Day : 95		6.9	34
1103_01	100 mg/m3	Day : 94	2.7		
1103_01	100 mg/m3	Day : 95		5.9	25
1104_01	100 mg/m3	Day : 94	3.2		
1104_01	100 mg/m3	Day : 95		6.6	36

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1105_01	100 mg/m3	Day : 94	3		
1105_01	100 mg/m3	Day : 95		6	30
1106_01	100 mg/m3	Day : 94	3.5		
1106_01	100 mg/m3	Day : 95		6.2	32
1107_01	100 mg/m3	Day : 94	3.1		
1107_01	100 mg/m3	Day : 95		6.2	28
1108_01	100 mg/m3	Day : 94	3.2		
1108_01	100 mg/m3	Day : 95		5.9	50
1109_01	100 mg/m3	Day : 94	3.2		
1109_01	100 mg/m3	Day : 95		6	61
1110_01	100 mg/m3	Day : 94	2.8		
1110_01	100 mg/m3	Day : 95		5.5	36
1111_01	100 mg/m3	Day : 3	2.4		
1111_01	100 mg/m3	Day : 4		6.1	14
1111_01	100 mg/m3	Day : 23	2.8		
1111_01	100 mg/m3	Day : 24		6.5	16
1112_01	100 mg/m3	Day : 3	2.7		
1112_01	100 mg/m3	Day : 4		6.3	16
1112_01	100 mg/m3	Day : 23	2.9		
1112_01	100 mg/m3	Day : 24		6.6	18
1113_01	100 mg/m3	Day : 3	1.6		
1113_01	100 mg/m3	Day : 4		5.9	15

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

**FEMALE**

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1113_01	100 mg/m3	Day : 23	2.7		
1113_01	100 mg/m3	Day : 24		6.5	19
1114_01	100 mg/m3	Day : 3	2.1		
1114_01	100 mg/m3	Day : 4		6	15
1114_01	100 mg/m3	Day : 23	2.4		
1114_01	100 mg/m3	Day : 24		6.2	18
1115_01	100 mg/m3	Day : 3	2.7		
1115_01	100 mg/m3	Day : 4		6.1	15
1115_01	100 mg/m3	Day : 23	2.6		
1115_01	100 mg/m3	Day : 24		6.5	19
1116_01	100 mg/m3	Day : 3	2.2		
1116_01	100 mg/m3	Day : 4		5.9	15
1116_01	100 mg/m3	Day : 23	2.4		
1116_01	100 mg/m3	Day : 24		6.4	16
1117_01	100 mg/m3	Day : 3	2		
1117_01	100 mg/m3	Day : 4		5.9	15
1117_01	100 mg/m3	Day : 23	2.9		
1117_01	100 mg/m3	Day : 24		6.5	17
1118_01	100 mg/m3	Day : 3	1.7		
1118_01	100 mg/m3	Day : 4		5.8	14
1118_01	100 mg/m3	Day : 23	2.8		
1118_01	100 mg/m3	Day : 24		6.6	21

Experiment Number: 88124-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Globulin g per dL	Protein Total g per dL	SDH IU per L
1119_01	100 mg/m3	Day : 3	2.5		
1119_01	100 mg/m3	Day : 4		6.4	15
1119_01	100 mg/m3	Day : 23	2.4		
1119_01	100 mg/m3	Day : 24		6.4	19
1120_01	100 mg/m3	Day : 3	2.2		
1120_01	100 mg/m3	Day : 4		6	15
1120_01	100 mg/m3	Day : 23	2.4		
1120_01	100 mg/m3	Day : 24		6	16

\*\* END OF REPORT \*\*