

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:26

First Dose M/F: NA / NA

Lab: NA

C Number: C62033

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:26

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0001_04	0 mg/m3	Week : 13	54	24	259	0.7
0002_04	0 mg/m3	Week : 13	55	20	169	0.6
0003_04	0 mg/m3	Week : 13	95	18	101	0.6
0004_04	0 mg/m3	Week : 13	48	20	307	0.7
0005_04	0 mg/m3	Week : 13	61	20	319	0.7
0006_04	0 mg/m3	Week : 13	109	21	171	0.7
0007_04	0 mg/m3	Week : 13	44	20	163	0.6
0008_04	0 mg/m3	Week : 13	68	24	212	0.8
0009_04	0 mg/m3	Week : 13	56	20	189	0.6
0010_04	0 mg/m3	Week : 13	55	18	252	0.6
0011_04	0 mg/m3	Week : 3	37	15	326	0.6
0012_04	0 mg/m3	Week : 3	37	14	374	0.7
0013_04	0 mg/m3	Week : 3	33	13	379	0.5
0014_04	0 mg/m3	Week : 3	39	14	338	0.6
0015_04	0 mg/m3	Week : 3	35	13	388	0.6
0016_04	0 mg/m3	Week : 3	42	18	249	0.6
0017_04	0 mg/m3	Week : 3	40	16	252	0.6
0018_04	0 mg/m3	Week : 3	37	13	290	0.6
0019_04	0 mg/m3	Week : 3	36	14	263	0.6
0020_04	0 mg/m3	Week : 3	41	16	436	0.6
0201_04	0.1 mg/m3	Week : 13	71	19	103	0.6
0202_04	0.1 mg/m3	Week : 13	63	20	95	0.6

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0203_04	0.1 mg/m3	Week : 13	71	20	98	0.6
0204_04	0.1 mg/m3	Week : 13	75	21	99	0.5
0205_04	0.1 mg/m3	Week : 13	96	18	190	0.8
0206_04	0.1 mg/m3	Week : 13	96	23	107	0.6
0207_04	0.1 mg/m3	Week : 13	62	21	148	0.7
0208_04	0.1 mg/m3	Week : 13	51	22	227	0.7
0209_04	0.1 mg/m3	Week : 13	66	18	164	0.6
0210_04	0.1 mg/m3	Week : 13	71	20	186	0.7
0211_04	0.1 mg/m3	Week : 3	39	15	281	0.6
0212_04	0.1 mg/m3	Week : 3	36	14	458	0.6
0213_04	0.1 mg/m3	Week : 3	36	16	373	0.6
0214_04	0.1 mg/m3	Week : 3	33	13	295	0.6
0215_04	0.1 mg/m3	Week : 3	33	13	191	0.7
0216_04	0.1 mg/m3	Week : 3	41	15	461	0.6
0217_04	0.1 mg/m3	Week : 3	50	17	514	0.7
0218_04	0.1 mg/m3	Week : 3	35	14	324	0.6
0219_04	0.1 mg/m3	Week : 3	36	14	362	0.6
0220_04	0.1 mg/m3	Week : 3	40	13	545	0.6
0401_04	1 mg/m3	Week : 13	56	19	239	0.6
0402_04	1 mg/m3	Week : 13	70	19	118	0.6
0403_04	1 mg/m3	Week : 13	90	19	219	0.6
0404_04	1 mg/m3	Week : 13	80	24	94	0.7

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0405_04	1 mg/m3	Week : 13	67	19	86	0.6
0406_04	1 mg/m3	Week : 13	85	20	190	0.7
0407_04	1 mg/m3	Week : 13	54	20	82	0.6
0408_04	1 mg/m3	Week : 13	54	24	265	0.7
0409_04	1 mg/m3	Week : 13	63	19	145	0.6
0410_04	1 mg/m3	Week : 13	42	18	125	0.7
0411_04	1 mg/m3	Week : 3	45	15	616	0.5
0412_04	1 mg/m3	Week : 3	43	15	606	0.5
0413_04	1 mg/m3	Week : 3	46	12	1094	0.6
0414_04	1 mg/m3	Week : 3	33	12	349	0.6
0415_04	1 mg/m3	Week : 3	37	13	364	0.6
0416_04	1 mg/m3	Week : 3	42	19	900	0.6
0417_04	1 mg/m3	Week : 3	39	13	379	0.5
0418_04	1 mg/m3	Week : 3	34	14	504	0.5
0419_04	1 mg/m3	Week : 3	40	14	511	0.6
0420_04	1 mg/m3	Week : 3	38	13	567	0.6
0601_04	10 mg/m3	Week : 13	55	22	94	0.7
0602_04	10 mg/m3	Week : 13	78	22	216	0.6
0603_04	10 mg/m3	Week : 13	68	20	174	0.6
0604_04	10 mg/m3	Week : 13	58	22	210	0.7
0605_04	10 mg/m3	Week : 13	77	22	102	0.5
0606_04	10 mg/m3	Week : 13	90	20	94	0.7

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0607_04	10 mg/m3	Week : 13	77	23	107	0.7
0608_04	10 mg/m3	Week : 13	58	20	129	0.7
0609_04	10 mg/m3	Week : 13	51	20	132	0.6
0610_04	10 mg/m3	Week : 13	73	25	274	0.8
0611_04	10 mg/m3	Week : 3	36	15	358	0.5
0612_04	10 mg/m3	Week : 3	45	16	358	0.6
0613_04	10 mg/m3	Week : 3	36	15	357	0.6
0614_04	10 mg/m3	Week : 3	36	16	366	0.5
0615_04	10 mg/m3	Week : 3	32	12	354	0.5
0616_04	10 mg/m3	Week : 3	45	17	318	0.5
0617_04	10 mg/m3	Week : 3	31	15	316	0.5
0618_04	10 mg/m3	Week : 3	31	15	262	0.6
0619_04	10 mg/m3	Week : 3	39	16	234	0.5
0620_04	10 mg/m3	Week : 3	37	16	262	0.6
0801_04	37 mg/m3	Week : 13	173	22	110	0.7
0802_04	37 mg/m3	Week : 13	173	22	169	0.7
0803_04	37 mg/m3	Week : 13	191	23	134	0.6
0804_04	37 mg/m3	Week : 13	96	23	131	0.7
0805_04	37 mg/m3	Week : 13	76	21	493*	0.6
0806_04	37 mg/m3	Week : 13	94	22	77	0.6
0807_04	37 mg/m3	Week : 13	94	26	227	0.7
0808_04	37 mg/m3	Week : 13	207	23	167	0.7

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0809_04	37 mg/m3	Week : 13	66	21	140	0.6
0810_04	37 mg/m3	Week : 13	77	21	133	0.6
0811_04	37 mg/m3	Week : 3	36	14	324	0.5
0812_04	37 mg/m3	Week : 3	37	15	545	0.5
0813_04	37 mg/m3	Week : 3	35	15	354	0.6
0814_04	37 mg/m3	Week : 3	34	16	664	0.5
0815_04	37 mg/m3	Week : 3	31	14	212	0.5
0816_04	37 mg/m3	Week : 3	38	18	392	0.6
0817_04	37 mg/m3	Week : 3	41	15	445	0.5
0818_04	37 mg/m3	Week : 3	33	14	454	0.5
0819_04	37 mg/m3	Week : 3	40	13	1686*	0.6
0820_04	37 mg/m3	Week : 3	33	13	260	0.5
1001_04	75 mg/m3	Week : 13	103	23	150	0.6
1002_04	75 mg/m3	Week : 13	189	24	119	0.7
1003_04	75 mg/m3	Week : 13	247	22	204	0.5
1004_04	75 mg/m3	Week : 13	216	24	162	0.6
1005_04	75 mg/m3	Week : 13	170	23	82	0.6
1006_04	75 mg/m3	Week : 13	161	21	136	0.6
1007_04	75 mg/m3	Week : 13	133	21	135	0.6
1008_04	75 mg/m3	Week : 13	152	20	244	0.6
1009_04	75 mg/m3	Week : 13	123	20	167	0.7
1010_04	75 mg/m3	Week : 13	147	24	130	0.7

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MALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1011_04	75 mg/m3	Week : 3	31	16	214	0.5
1012_04	75 mg/m3	Week : 3	33	16	231	0.5
1013_04	75 mg/m3	Week : 3	29	15	250	0.5
1014_04	75 mg/m3	Week : 3	39	15	410	0.6
1015_04	75 mg/m3	Week : 3	32	15	742	0.5
1016_04	75 mg/m3	Week : 3	33	18	216	0.6
1017_04	75 mg/m3	Week : 3	33	15	209	0.5
1018_04	75 mg/m3	Week : 3	36	15	405	0.5
1019_04	75 mg/m3	Week : 3	34	16	354	0.5
1020_04	75 mg/m3	Week : 3	35	16	204	0.5

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0001_04	0 mg/m3	Week : 13	141	642	501	14
0002_04	0 mg/m3	Week : 13	151	637	486	18
0003_04	0 mg/m3	Week : 13	182	598	416	38
0004_04	0 mg/m3	Week : 13	187	597	410	11
0005_04	0 mg/m3	Week : 13	211	616	405	15
0006_04	0 mg/m3	Week : 13	141	647	506	59
0007_04	0 mg/m3	Week : 13	173	639	466	13
0008_04	0 mg/m3	Week : 13	116	635	519	21
0009_04	0 mg/m3	Week : 13	196	638	442	16
0010_04	0 mg/m3	Week : 13	209	602	393	17
0011_04	0 mg/m3	Week : 3	273	631	358	9
0012_04	0 mg/m3	Week : 3	223	555	332	11
0013_04	0 mg/m3	Week : 3	271	552	281	9
0014_04	0 mg/m3	Week : 3	230	611	381	11
0015_04	0 mg/m3	Week : 3	202	602	400	12
0016_04	0 mg/m3	Week : 3	216	549	333	9
0017_04	0 mg/m3	Week : 3	241	589	348	10
0018_04	0 mg/m3	Week : 3	200	586	386	11
0019_04	0 mg/m3	Week : 3	237	559	322	11
0020_04	0 mg/m3	Week : 3	171	568	397	9
0201_04	0.1 mg/m3	Week : 13				
0202_04	0.1 mg/m3	Week : 13				

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0203_04	0.1 mg/m3	Week : 13				
0204_04	0.1 mg/m3	Week : 13				
0205_04	0.1 mg/m3	Week : 13				
0206_04	0.1 mg/m3	Week : 13				
0207_04	0.1 mg/m3	Week : 13				
0208_04	0.1 mg/m3	Week : 13				
0209_04	0.1 mg/m3	Week : 13				
0210_04	0.1 mg/m3	Week : 13				
0211_04	0.1 mg/m3	Week : 3				
0212_04	0.1 mg/m3	Week : 3				
0213_04	0.1 mg/m3	Week : 3				
0214_04	0.1 mg/m3	Week : 3				
0215_04	0.1 mg/m3	Week : 3				
0216_04	0.1 mg/m3	Week : 3				
0217_04	0.1 mg/m3	Week : 3				
0218_04	0.1 mg/m3	Week : 3				
0219_04	0.1 mg/m3	Week : 3				
0220_04	0.1 mg/m3	Week : 3				
0401_04	1 mg/m3	Week : 13				
0402_04	1 mg/m3	Week : 13				
0403_04	1 mg/m3	Week : 13				
0404_04	1 mg/m3	Week : 13				

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0404_04	1 mg/m3	Week : 13				
0405_04	1 mg/m3	Week : 13				
0406_04	1 mg/m3	Week : 13				
0407_04	1 mg/m3	Week : 13				
0408_04	1 mg/m3	Week : 13				
0409_04	1 mg/m3	Week : 13				
0410_04	1 mg/m3	Week : 13				
0411_04	1 mg/m3	Week : 3				
0412_04	1 mg/m3	Week : 3				
0413_04	1 mg/m3	Week : 3				
0414_04	1 mg/m3	Week : 3				
0415_04	1 mg/m3	Week : 3				
0416_04	1 mg/m3	Week : 3				
0417_04	1 mg/m3	Week : 3				
0418_04	1 mg/m3	Week : 3				
0419_04	1 mg/m3	Week : 3				
0420_04	1 mg/m3	Week : 3				
0601_04	10 mg/m3	Week : 13	164	633	469	18
0602_04	10 mg/m3	Week : 13	197	623	426	25
0603_04	10 mg/m3	Week : 13	183	615	432	20
0604_04	10 mg/m3	Week : 13	174	635	461	20
0605_04	10 mg/m3	Week : 13	168	601	433	24

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0606_04	10 mg/m3	Week : 13	136	607	471	32
0607_04	10 mg/m3	Week : 13	168	614	446	27
0608_04	10 mg/m3	Week : 13	147	630	483	18
0609_04	10 mg/m3	Week : 13	173	578	405	18
0610_04	10 mg/m3	Week : 13	120	644	524	21
0611_04	10 mg/m3	Week : 3	120	573	453	10
0612_04	10 mg/m3	Week : 3	105	621	516	11
0613_04	10 mg/m3	Week : 3	88	579	491	9
0614_04	10 mg/m3	Week : 3	118	577	459	9
0615_04	10 mg/m3	Week : 3	126	546	420	10
0616_04	10 mg/m3	Week : 3	252	642	390	10
0617_04	10 mg/m3	Week : 3	129	583	454	9
0618_04	10 mg/m3	Week : 3	141	556	415	9
0619_04	10 mg/m3	Week : 3	83	593	510	11
0620_04	10 mg/m3	Week : 3	148	632	484	8
0801_04	37 mg/m3	Week : 13	122	614	492	50
0802_04	37 mg/m3	Week : 13	147	635	488	46
0803_04	37 mg/m3	Week : 13	121	621	500	61
0804_04	37 mg/m3	Week : 13	127	612	485	31
0805_04	37 mg/m3	Week : 13	140	579	439	23
0806_04	37 mg/m3	Week : 13	158	623	465	31
0807_04	37 mg/m3	Week : 13	111	585	474	24

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0807_04	37 mg/m3	Week : 13	111	585	474	24
0808_04	37 mg/m3	Week : 13	137	635	498	68
0809_04	37 mg/m3	Week : 13	154	617	463	26
0810_04	37 mg/m3	Week : 13	152	580	428	23
0811_04	37 mg/m3	Week : 3	112	586	474	9
0812_04	37 mg/m3	Week : 3	148	625	477	9
0813_04	37 mg/m3	Week : 3	165	624	459	9
0814_04	37 mg/m3	Week : 3	81	562	481	8
0815_04	37 mg/m3	Week : 3	103	555	452	8
0816_04	37 mg/m3	Week : 3	110	569	459	10
0817_04	37 mg/m3	Week : 3	135	637	502	9
0818_04	37 mg/m3	Week : 3	99	576	477	9
0819_04	37 mg/m3	Week : 3	111	575	464	9
0820_04	37 mg/m3	Week : 3	93	581	488	7
1001_04	75 mg/m3	Week : 13	176	639	463	25
1002_04	75 mg/m3	Week : 13	130	630	500	52
1003_04	75 mg/m3	Week : 13	134	602	468	56
1004_04	75 mg/m3	Week : 13	119	575	456	48
1005_04	75 mg/m3	Week : 13	158	593	435	44
1006_04	75 mg/m3	Week : 13	147	604	457	40
1007_04	75 mg/m3	Week : 13	135	595	460	32
1008_04	75 mg/m3	Week : 13	144	590	446	28

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
1009_04	75 mg/m3	Week : 13	153	645	492	25
1010_04	75 mg/m3	Week : 13	125	618	493	42
1011_04	75 mg/m3	Week : 3	97	582	485	9
1012_04	75 mg/m3	Week : 3	107	615	508	9
1013_04	75 mg/m3	Week : 3	95	593	498	9
1014_04	75 mg/m3	Week : 3	96	559	463	8
1015_04	75 mg/m3	Week : 3	113	589	476	8
1016_04	75 mg/m3	Week : 3	157	585	428	9
1017_04	75 mg/m3	Week : 3	93	594	501	9
1018_04	75 mg/m3	Week : 3	106	613	507	9
1019_04	75 mg/m3	Week : 3	114	619	505	9
1020_04	75 mg/m3	Week : 3	95	606	511	8

MALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0001_04	0 mg/m3	Week : 13	0.92	2.5		95
0002_04	0 mg/m3	Week : 13	1.37	4.7	2.81	167
0003_04	0 mg/m3	Week : 13	1.45	5	3.12	160
0004_04	0 mg/m3	Week : 13	1.38	5.5	3.07	157
0005_04	0 mg/m3	Week : 13	2.06	6.2	3.44	168
0006_04	0 mg/m3	Week : 13	1.36	2.8	1.98	97
0007_04	0 mg/m3	Week : 13	1.44	3.1	2.33	94
0008_04	0 mg/m3	Week : 13	0.61	3.8	2.27	95
0009_04	0 mg/m3	Week : 13	2.09	6.1	3.44	166
0010_04	0 mg/m3	Week : 13	1.4	6.3	3.88	163
0011_04	0 mg/m3	Week : 3				
0012_04	0 mg/m3	Week : 3				
0013_04	0 mg/m3	Week : 3				
0014_04	0 mg/m3	Week : 3				
0015_04	0 mg/m3	Week : 3				
0016_04	0 mg/m3	Week : 3				
0017_04	0 mg/m3	Week : 3				
0018_04	0 mg/m3	Week : 3				
0019_04	0 mg/m3	Week : 3				
0020_04	0 mg/m3	Week : 3				
0201_04	0.1 mg/m3	Week : 13	2.83	4	3.07	149

MALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0202_04	0.1 mg/m3	Week : 13	1.18	5	2.94	150
0203_04	0.1 mg/m3	Week : 13	1.56	6.1	3.94	195
0204_04	0.1 mg/m3	Week : 13	2.61	4.4	3.01	161
0205_04	0.1 mg/m3	Week : 13	0.73	2.8	2.42	102
0206_04	0.1 mg/m3	Week : 13	2.15	4.6		168
0207_04	0.1 mg/m3	Week : 13	2.86	5	3.2	208
0208_04	0.1 mg/m3	Week : 13	0.84	4	2.44	112
0209_04	0.1 mg/m3	Week : 13	3.24	4.2	3.01	157
0210_04	0.1 mg/m3	Week : 13	0.87	3.1	2.03	74
0211_04	0.1 mg/m3	Week : 3				
0212_04	0.1 mg/m3	Week : 3				
0213_04	0.1 mg/m3	Week : 3				
0214_04	0.1 mg/m3	Week : 3				
0215_04	0.1 mg/m3	Week : 3				
0216_04	0.1 mg/m3	Week : 3				
0217_04	0.1 mg/m3	Week : 3				
0218_04	0.1 mg/m3	Week : 3				
0219_04	0.1 mg/m3	Week : 3				
0220_04	0.1 mg/m3	Week : 3				
0401_04	1 mg/m3	Week : 13	0.6	4.2	3.17	111
0402_04	1 mg/m3	Week : 13	1.99	2.8	2.25	117

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0403_04	1 mg/m3	Week : 13	3.62	3.2	2.99	129
0404_04	1 mg/m3	Week : 13	0.56	2.9	2.05	77
0405_04	1 mg/m3	Week : 13	3.4	3.4	2.58	114
0406_04	1 mg/m3	Week : 13	2.02	5.8	3.39	168
0407_04	1 mg/m3	Week : 13	1.83	2.9	2.16	9
0408_04	1 mg/m3	Week : 13	0.32	2.6	2.3	94
0409_04	1 mg/m3	Week : 13	1.66	6.4	3.79	180
0410_04	1 mg/m3	Week : 13	2.58	6.2	3.78	182
0411_04	1 mg/m3	Week : 3				
0412_04	1 mg/m3	Week : 3				
0413_04	1 mg/m3	Week : 3				
0414_04	1 mg/m3	Week : 3				
0415_04	1 mg/m3	Week : 3				
0416_04	1 mg/m3	Week : 3				
0417_04	1 mg/m3	Week : 3				
0418_04	1 mg/m3	Week : 3				
0419_04	1 mg/m3	Week : 3				
0420_04	1 mg/m3	Week : 3				
0601_04	10 mg/m3	Week : 13	0.68	3.2	2.22	93
0602_04	10 mg/m3	Week : 13	3.77	4.3	2.98	125
0603_04	10 mg/m3	Week : 13	2.39	4.6	3.12	156

MALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0604_04	10 mg/m3	Week : 13	1.53	5.4	3.44	168
0605_04	10 mg/m3	Week : 13	2.63	3.4	2.94	113
0606_04	10 mg/m3	Week : 13	1.08	3.4	2.28	87
0607_04	10 mg/m3	Week : 13	1.05	2.5	2.46	130
0608_04	10 mg/m3	Week : 13	1.71	3.1	2.46	92
0609_04	10 mg/m3	Week : 13	2.48	5	3.42	147
0610_04	10 mg/m3	Week : 13	0.39	3.5	2.23	90
0611_04	10 mg/m3	Week : 3				
0612_04	10 mg/m3	Week : 3				
0613_04	10 mg/m3	Week : 3				
0614_04	10 mg/m3	Week : 3				
0615_04	10 mg/m3	Week : 3				
0616_04	10 mg/m3	Week : 3				
0617_04	10 mg/m3	Week : 3				
0618_04	10 mg/m3	Week : 3				
0619_04	10 mg/m3	Week : 3				
0620_04	10 mg/m3	Week : 3				
0801_04	37 mg/m3	Week : 13	1.06	2.8	2.36	74
0802_04	37 mg/m3	Week : 13	0.78	3.4	2.29	92
0803_04	37 mg/m3	Week : 13	0.69	3.3	2.26	68
0804_04	37 mg/m3	Week : 13	2.65	3.3	2.39	113

MALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0805_04	37 mg/m3	Week : 13	3.79	3.4		140
0806_04	37 mg/m3	Week : 13	2.06	4.9	3.22	162
0807_04	37 mg/m3	Week : 13	0.37	3.3	2.56	104
0808_04	37 mg/m3	Week : 13	1.41	2.5	2	75
0809_04	37 mg/m3	Week : 13	1.09	6.2	3.91	173
0810_04	37 mg/m3	Week : 13	1.94	4.2	3.37	158
0811_04	37 mg/m3	Week : 3				
0812_04	37 mg/m3	Week : 3				
0813_04	37 mg/m3	Week : 3				
0814_04	37 mg/m3	Week : 3				
0815_04	37 mg/m3	Week : 3				
0816_04	37 mg/m3	Week : 3				
0817_04	37 mg/m3	Week : 3				
0818_04	37 mg/m3	Week : 3				
0819_04	37 mg/m3	Week : 3				
0820_04	37 mg/m3	Week : 3				
1001_04	75 mg/m3	Week : 13	2.52	5.4	3.16	165
1002_04	75 mg/m3	Week : 13	0.37	3.2	2.58	95
1003_04	75 mg/m3	Week : 13	2.85	3.5	2.52	117
1004_04	75 mg/m3	Week : 13	0.86	2.5	2.01	74
1005_04	75 mg/m3	Week : 13	4.48	3.6	3.37	130

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
1006_04	75 mg/m3	Week : 13	2.91	4.3	3.45	168
1007_04	75 mg/m3	Week : 13	2.66	3.7	2.65	116
1008_04	75 mg/m3	Week : 13	2.07	4.1	2.91	149
1009_04	75 mg/m3	Week : 13	3.6	3.5	2.87	139
1010_04	75 mg/m3	Week : 13	0.47	3.7	2.56	91
1011_04	75 mg/m3	Week : 3				
1012_04	75 mg/m3	Week : 3				
1013_04	75 mg/m3	Week : 3				
1014_04	75 mg/m3	Week : 3				
1015_04	75 mg/m3	Week : 3				
1016_04	75 mg/m3	Week : 3				
1017_04	75 mg/m3	Week : 3				
1018_04	75 mg/m3	Week : 3				
1019_04	75 mg/m3	Week : 3				
1020_04	75 mg/m3	Week : 3				

Experiment Number: 05180-04

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0101_04	0 mg/m3	Week : 13	42	20	116	0.6
0102_04	0 mg/m3	Week : 13	56	19	174	0.6
0103_04	0 mg/m3	Week : 13	47	21	213	0.6
0104_04	0 mg/m3	Week : 13	45	21	114	0.6
0105_04	0 mg/m3	Week : 13	54	21	270	0.6
0106_04	0 mg/m3	Week : 13	49	17	148	0.6
0107_04	0 mg/m3	Week : 13	44	20	104	0.6
0108_04	0 mg/m3	Week : 13	45	19	276	0.6
0109_04	0 mg/m3	Week : 13	60	15	176	0.6
0110_04	0 mg/m3	Week : 13	43	21	158	0.7
0111_04	0 mg/m3	Week : 3	36	14	419	0.6
0112_04	0 mg/m3	Week : 3	46	12	427	0.6
0113_04	0 mg/m3	Week : 3	39	14	247	0.5
0114_04	0 mg/m3	Week : 3	41	13	457	0.5
0115_04	0 mg/m3	Week : 3	35	14	228	0.6
0116_04	0 mg/m3	Week : 3	39	14	245	0.4
0117_04	0 mg/m3	Week : 3	39	13	439	0.5
0118_04	0 mg/m3	Week : 3	33	13	200	0.5
0119_04	0 mg/m3	Week : 3	34	15	178	0.5
0120_04	0 mg/m3	Week : 3	36	14	200	0.5
0302_04	0.1 mg/m3	Week : 13	59	25	387	0.8
0303_04	0.1 mg/m3	Week : 13	39	19	105	0.6

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0304_04	0.1 mg/m3	Week : 13	47	23	126	0.6
0305_04	0.1 mg/m3	Week : 13	43	22	95	0.6
0306_04	0.1 mg/m3	Week : 13	46	22	192	0.6
0307_04	0.1 mg/m3	Week : 13	40	20	247	0.6
0308_04	0.1 mg/m3	Week : 13	69	20	135	0.7
0309_04	0.1 mg/m3	Week : 13	44	24	95	0.6
0310_04	0.1 mg/m3	Week : 13	31	24	84	0.6
0311_04	0.1 mg/m3	Week : 3	33	16	249	0.5
0312_04	0.1 mg/m3	Week : 3	36	15	293	0.6
0313_04	0.1 mg/m3	Week : 3	31	14	290	0.5
0314_04	0.1 mg/m3	Week : 3	34	14	571	0.5
0315_04	0.1 mg/m3	Week : 3	25	17	192	0.5
0316_04	0.1 mg/m3	Week : 3	32	15	342	0.5
0317_04	0.1 mg/m3	Week : 3	36	14	266	0.5
0318_04	0.1 mg/m3	Week : 3	37	14	322	0.5
0319_04	0.1 mg/m3	Week : 3	40	15	279	0.5
0320_04	0.1 mg/m3	Week : 3	36	15	548	0.6
0501_04	1 mg/m3	Week : 13	45	22	219	0.6
0502_04	1 mg/m3	Week : 13	46	27	221	0.8
0503_04	1 mg/m3	Week : 13	44	24	95	0.6
0504_04	1 mg/m3	Week : 13	72	25	106	0.7
0505_04	1 mg/m3	Week : 13	60	28	132	0.7

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0506_04	1 mg/m3	Week : 13	53	21	184	0.6
0507_04	1 mg/m3	Week : 13	47	18	107	0.6
0508_04	1 mg/m3	Week : 13	62	19	111	0.6
0509_04	1 mg/m3	Week : 13	52	21	184	0.7
0510_04	1 mg/m3	Week : 13	47	17	130	0.5
0511_04	1 mg/m3	Week : 3	36	15	372	0.5
0512_04	1 mg/m3	Week : 3	35	16	321	0.5
0513_04	1 mg/m3	Week : 3	31	16	208	0.5
0514_04	1 mg/m3	Week : 3	30	15	178	0.6
0515_04	1 mg/m3	Week : 3	34	17	219	0.5
0516_04	1 mg/m3	Week : 3	34	15	284	0.6
0517_04	1 mg/m3	Week : 3	33	16	555	0.5
0518_04	1 mg/m3	Week : 3	34	17	429	0.6
0519_04	1 mg/m3	Week : 3	40	17	254	0.5
0520_04	1 mg/m3	Week : 3	41	19	779	0.5
0701_04	10 mg/m3	Week : 13	86	25	187	0.8
0702_04	10 mg/m3	Week : 13	44	23	204	0.7
0703_04	10 mg/m3	Week : 13	40	17	130	0.6
0704_04	10 mg/m3	Week : 13	37	21	212	0.5
0705_04	10 mg/m3	Week : 13	50	25	107	0.6
0706_04	10 mg/m3	Week : 13	39	30	191	0.7
0707_04	10 mg/m3	Week : 13	45	24	186	0.7

Experiment Number: 05180-04

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0708_04	10 mg/m3	Week : 13	57	21	100	0.6
0709_04	10 mg/m3	Week : 13	43	16	221	0.6
0710_04	10 mg/m3	Week : 13	51	22	131	0.6
0711_04	10 mg/m3	Week : 3	30	17	252	0.6
0712_04	10 mg/m3	Week : 3	29	19	501	0.5
0713_04	10 mg/m3	Week : 3	30	16	519	0.6
0714_04	10 mg/m3	Week : 3	32	18	495	0.5
0715_04	10 mg/m3	Week : 3	36	16	621	0.6
0716_04	10 mg/m3	Week : 3	35	16	314	0.5
0717_04	10 mg/m3	Week : 3	30	17	344	0.5
0718_04	10 mg/m3	Week : 3	31	17	270	0.6
0719_04	10 mg/m3	Week : 3	31	17	207	0.6
0720_04	10 mg/m3	Week : 3	34	16	390	0.5
0901_04	37 mg/m3	Week : 13	64	19	142	0.6
0902_04	37 mg/m3	Week : 13	59	21	176	0.6
0903_04	37 mg/m3	Week : 13	47	26	80	0.7
0904_04	37 mg/m3	Week : 13	56	18	262	0.6
0905_04	37 mg/m3	Week : 13	36	19	229	0.6
0906_04	37 mg/m3	Week : 13	68	24	192	0.6
0907_04	37 mg/m3	Week : 13	46	22	91	0.5
0908_04	37 mg/m3	Week : 13	62	21	140	0.7
0909_04	37 mg/m3	Week : 13	42	27	156	0.6

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0910_04	37 mg/m3	Week : 13	43	15	124	0.5
0911_04	37 mg/m3	Week : 3	38	17	1815	0.6
0912_04	37 mg/m3	Week : 3	28	15	263	0.6
0913_04	37 mg/m3	Week : 3	28	16	262	0.6
0914_04	37 mg/m3	Week : 3	33	17	306	0.6
0915_04	37 mg/m3	Week : 3	34	17	653	0.6
0916_04	37 mg/m3	Week : 3	29	18	472	0.6
0917_04	37 mg/m3	Week : 3	29	18	201	0.5
0918_04	37 mg/m3	Week : 3	26	15	261	0.5
0919_04	37 mg/m3	Week : 3	36	18	356	0.7
0920_04	37 mg/m3	Week : 3	30	14	169	0.6
1101_04	75 mg/m3	Week : 13	70	21	145	0.6
1102_04	75 mg/m3	Week : 13	61	19	378	0.6
1103_04	75 mg/m3	Week : 13	54	25	80	0.7
1104_04	75 mg/m3	Week : 13	72	21	111	0.6
1105_04	75 mg/m3	Week : 13	49	17	172	0.5
1106_04	75 mg/m3	Week : 13	74	19	107	0.7
1107_04	75 mg/m3	Week : 13	89	23	121	0.6
1108_04	75 mg/m3	Week : 13	49	20	89	0.6
1109_04	75 mg/m3	Week : 13	65	24	153	0.7
1110_04	75 mg/m3	Week : 13	47	22	137	0.6
1111_04	75 mg/m3	Week : 3	28	14	327	0.6

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	ALT IU per L	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
1112_04	75 mg/m3	Week : 3	26	18	478	0.6
1113_04	75 mg/m3	Week : 3	30	14	1138	0.7
1114_04	75 mg/m3	Week : 3	29	16	253	0.6
1115_04	75 mg/m3	Week : 3	34	20	214	0.6
1116_04	75 mg/m3	Week : 3	25	16	292	0.6
1117_04	75 mg/m3	Week : 3	29	16	186	0.6
1118_04	75 mg/m3	Week : 3	30	19	228	0.6
1119_04	75 mg/m3	Week : 3	25	18	160	0.6
1120_04	75 mg/m3	Week : 3	40	18	218	0.6

FEMALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0101_04	0 mg/m3	Week : 13	219	512	293	14
0102_04	0 mg/m3	Week : 13	247	620	373	17
0103_04	0 mg/m3	Week : 13	184	542	358	15
0104_04	0 mg/m3	Week : 13	243	562	319	15
0105_04	0 mg/m3	Week : 13	208	565	357	16
0106_04	0 mg/m3	Week : 13	241	579	338	18
0107_04	0 mg/m3	Week : 13	263	605	342	17
0108_04	0 mg/m3	Week : 13	234	557	323	16
0109_04	0 mg/m3	Week : 13	262	533	271	21
0110_04	0 mg/m3	Week : 13	228	594	366	17
0111_04	0 mg/m3	Week : 3	201	549	348	13
0112_04	0 mg/m3	Week : 3	237	550	313	10
0113_04	0 mg/m3	Week : 3	222	526	304	10
0114_04	0 mg/m3	Week : 3	281	553	272	8
0115_04	0 mg/m3	Week : 3	307	554	247	11
0116_04	0 mg/m3	Week : 3	259	525	266	8
0117_04	0 mg/m3	Week : 3	284	543	259	8
0118_04	0 mg/m3	Week : 3	413			9
0119_04	0 mg/m3	Week : 3	227			7
0120_04	0 mg/m3	Week : 3	192			7
0302_04	0.1 mg/m3	Week : 13				
0303_04	0.1 mg/m3	Week : 13				

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0304_04	0.1 mg/m3	Week : 13				
0305_04	0.1 mg/m3	Week : 13				
0306_04	0.1 mg/m3	Week : 13				
0307_04	0.1 mg/m3	Week : 13				
0308_04	0.1 mg/m3	Week : 13				
0309_04	0.1 mg/m3	Week : 13				
0310_04	0.1 mg/m3	Week : 13				
0311_04	0.1 mg/m3	Week : 3				
0312_04	0.1 mg/m3	Week : 3				
0313_04	0.1 mg/m3	Week : 3				
0314_04	0.1 mg/m3	Week : 3				
0315_04	0.1 mg/m3	Week : 3				
0316_04	0.1 mg/m3	Week : 3				
0317_04	0.1 mg/m3	Week : 3				
0318_04	0.1 mg/m3	Week : 3				
0319_04	0.1 mg/m3	Week : 3				
0320_04	0.1 mg/m3	Week : 3				
0501_04	1 mg/m3	Week : 13				
0502_04	1 mg/m3	Week : 13				
0503_04	1 mg/m3	Week : 13				
0504_04	1 mg/m3	Week : 13				
0505_04	1 mg/m3	Week : 13				

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:27

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0505_04	1 mg/m3	Week : 13				
0506_04	1 mg/m3	Week : 13				
0507_04	1 mg/m3	Week : 13				
0508_04	1 mg/m3	Week : 13				
0509_04	1 mg/m3	Week : 13				
0510_04	1 mg/m3	Week : 13				
0511_04	1 mg/m3	Week : 3				
0512_04	1 mg/m3	Week : 3				
0513_04	1 mg/m3	Week : 3				
0514_04	1 mg/m3	Week : 3				
0515_04	1 mg/m3	Week : 3				
0516_04	1 mg/m3	Week : 3				
0517_04	1 mg/m3	Week : 3				
0518_04	1 mg/m3	Week : 3				
0519_04	1 mg/m3	Week : 3				
0520_04	1 mg/m3	Week : 3				
0701_04	10 mg/m3	Week : 13	244	623	379	32
0702_04	10 mg/m3	Week : 13	245	591	346	18
0703_04	10 mg/m3	Week : 13	255	546	291	15
0704_04	10 mg/m3	Week : 13	216	498	282	15
0705_04	10 mg/m3	Week : 13	193	535	342	21
0706_04	10 mg/m3	Week : 13	293	589	296	15

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:28

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0707_04	10 mg/m3	Week : 13	295	617	322	17
0708_04	10 mg/m3	Week : 13	213	552	339	22
0709_04	10 mg/m3	Week : 13	243	542	299	18
0710_04	10 mg/m3	Week : 13	182	596	414	20
0711_04	10 mg/m3	Week : 3	166	513	347	8
0712_04	10 mg/m3	Week : 3	176	481	305	9
0713_04	10 mg/m3	Week : 3	289	533	244	13
0714_04	10 mg/m3	Week : 3	382	532	150	10
0715_04	10 mg/m3	Week : 3	167	497	330	10
0716_04	10 mg/m3	Week : 3	190	491	301	8
0717_04	10 mg/m3	Week : 3	311	520	209	9
0718_04	10 mg/m3	Week : 3	197	523	326	9
0719_04	10 mg/m3	Week : 3	180	528	348	7
0720_04	10 mg/m3	Week : 3	177	480	303	8
0901_04	37 mg/m3	Week : 13	250	535	285	21
0902_04	37 mg/m3	Week : 13	235	528	293	22
0903_04	37 mg/m3	Week : 13	162	492	330	18
0904_04	37 mg/m3	Week : 13	228	567	339	17
0905_04	37 mg/m3	Week : 13	282	552	270	15
0906_04	37 mg/m3	Week : 13	200	553	353	20
0907_04	37 mg/m3	Week : 13	205	509	304	17
0908_04	37 mg/m3	Week : 13	187	539	352	22

FEMALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
0908_04	37 mg/m3	Week : 13	187	539	352	22
0909_04	37 mg/m3	Week : 13	201	566	365	18
0910_04	37 mg/m3	Week : 13	239	542	303	18
0911_04	37 mg/m3	Week : 3	201	558	357	8
0912_04	37 mg/m3	Week : 3	333	559	226	13
0913_04	37 mg/m3	Week : 3	265	524	259	10
0914_04	37 mg/m3	Week : 3	321	550	229	13
0915_04	37 mg/m3	Week : 3	163	521	358	10
0916_04	37 mg/m3	Week : 3	258	511	253	10
0917_04	37 mg/m3	Week : 3	180	497	317	9
0918_04	37 mg/m3	Week : 3	245	514	269	3
0919_04	37 mg/m3	Week : 3	155	511	356	11
0920_04	37 mg/m3	Week : 3	186	503	317	7
1101_04	75 mg/m3	Week : 13	203	516	313	25
1102_04	75 mg/m3	Week : 13	158	518	360	22
1103_04	75 mg/m3	Week : 13	205	526	321	20
1104_04	75 mg/m3	Week : 13	225	527	302	21
1105_04	75 mg/m3	Week : 13	200	500	300	18
1106_04	75 mg/m3	Week : 13	213	518	305	21
1107_04	75 mg/m3	Week : 13	176	539	363	29
1108_04	75 mg/m3	Week : 13	174	490	316	19
1109_04	75 mg/m3	Week : 13	253	535	282	21

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:28

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Iron ug per dL	Iron Binding Capacity Total ug per dL	Iron Unbound Binding Capacity ug per dL	SDH IU per L
1110_04	75 mg/m3	Week : 13	233	514	281	20
1111_04	75 mg/m3	Week : 3	168	488	320	10
1112_04	75 mg/m3	Week : 3	166	457	291	10
1113_04	75 mg/m3	Week : 3	133	453	320	11
1114_04	75 mg/m3	Week : 3	209	503	294	11
1115_04	75 mg/m3	Week : 3	176	488	312	10
1116_04	75 mg/m3	Week : 3	228	480	252	10
1117_04	75 mg/m3	Week : 3	150	485	335	8
1118_04	75 mg/m3	Week : 3	267	504	237	10
1119_04	75 mg/m3	Week : 3	148	231	83*	9
1120_04	75 mg/m3	Week : 3	159	470	311	9

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0101_04	0 mg/m3	Week : 13	1.34	4.5	2.21	124
0102_04	0 mg/m3	Week : 13	0.66	4.7	2.46	132
0103_04	0 mg/m3	Week : 13	1	3.8	2.24	98
0104_04	0 mg/m3	Week : 13	1.36	2.1	1.11	83
0105_04	0 mg/m3	Week : 13	0.53	2.8	1.71	87
0106_04	0 mg/m3	Week : 13	0.72	4.8	2.41	133
0107_04	0 mg/m3	Week : 13	1.1	5.3	2.77	150
0108_04	0 mg/m3	Week : 13	0.72	4.9	2.59	160
0109_04	0 mg/m3	Week : 13	0.88	4.5	2.15	143
0110_04	0 mg/m3	Week : 13	1.43	3.2	1.81	87
0111_04	0 mg/m3	Week : 3				
0112_04	0 mg/m3	Week : 3				
0113_04	0 mg/m3	Week : 3				
0114_04	0 mg/m3	Week : 3				
0115_04	0 mg/m3	Week : 3				
0116_04	0 mg/m3	Week : 3				
0117_04	0 mg/m3	Week : 3				
0118_04	0 mg/m3	Week : 3				
0119_04	0 mg/m3	Week : 3				
0120_04	0 mg/m3	Week : 3				
0302_04	0.1 mg/m3	Week : 13	0.97	4	2.06	134

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0303_04	0.1 mg/m3	Week : 13	1.92	4.1	2.21	127
0304_04	0.1 mg/m3	Week : 13	1	4.2	2.13	121
0305_04	0.1 mg/m3	Week : 13	2.02	4.3	2.58	133
0306_04	0.1 mg/m3	Week : 13	1.56	8.7	2.75	132
0307_04	0.1 mg/m3	Week : 13	2.36	4.6	2.65	155
0308_04	0.1 mg/m3	Week : 13	0.99	3.9	2.01	148
0309_04	0.1 mg/m3	Week : 13	0.85	3.1	1.84	90
0310_04	0.1 mg/m3	Week : 13	1.42	5	2.47	115
0311_04	0.1 mg/m3	Week : 3				
0312_04	0.1 mg/m3	Week : 3				
0313_04	0.1 mg/m3	Week : 3				
0314_04	0.1 mg/m3	Week : 3				
0315_04	0.1 mg/m3	Week : 3				
0316_04	0.1 mg/m3	Week : 3				
0317_04	0.1 mg/m3	Week : 3				
0318_04	0.1 mg/m3	Week : 3				
0319_04	0.1 mg/m3	Week : 3				
0320_04	0.1 mg/m3	Week : 3				
0501_04	1 mg/m3	Week : 13	1.4	3.2	1.7	99
0502_04	1 mg/m3	Week : 13	0.66	2.4	1.46	96
0503_04	1 mg/m3	Week : 13	1.2	3.5	1.79	137

Experiment Number: 05180-04

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 11:21:28

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0504_04	1 mg/m3	Week : 13	0.92	3	2.03	93
0505_04	1 mg/m3	Week : 13	0.78	2	1.4	97
0506_04	1 mg/m3	Week : 13	1.37	3.5	2.05	119
0507_04	1 mg/m3	Week : 13	0.52	4.5	2.59	118
0508_04	1 mg/m3	Week : 13	1.4	5.2	3	185
0509_04	1 mg/m3	Week : 13	1.16	3.8	2.3	116
0510_04	1 mg/m3	Week : 13	1.17	5	2.66	121
0511_04	1 mg/m3	Week : 3				
0512_04	1 mg/m3	Week : 3				
0513_04	1 mg/m3	Week : 3				
0514_04	1 mg/m3	Week : 3				
0515_04	1 mg/m3	Week : 3				
0516_04	1 mg/m3	Week : 3				
0517_04	1 mg/m3	Week : 3				
0518_04	1 mg/m3	Week : 3				
0519_04	1 mg/m3	Week : 3				
0520_04	1 mg/m3	Week : 3				
0701_04	10 mg/m3	Week : 13	0.66	3.6	1.85	118
0702_04	10 mg/m3	Week : 13	1.44	3.7	2.33	148
0703_04	10 mg/m3	Week : 13	0.84	6.3	3.09	137
0704_04	10 mg/m3	Week : 13	2.81	4.6	2.42	118

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0705_04	10 mg/m3	Week : 13	0.91	3.5	2.35	100
0706_04	10 mg/m3	Week : 13	1.45	3.8	2.57	106
0707_04	10 mg/m3	Week : 13	1.02	4	2.59	120
0708_04	10 mg/m3	Week : 13	1.31	4	2.29	121
0709_04	10 mg/m3	Week : 13	0.79	4.5	2.48	113
0710_04	10 mg/m3	Week : 13	0.98	3.4	2.35	97
0711_04	10 mg/m3	Week : 3				
0712_04	10 mg/m3	Week : 3				
0713_04	10 mg/m3	Week : 3				
0714_04	10 mg/m3	Week : 3				
0715_04	10 mg/m3	Week : 3				
0716_04	10 mg/m3	Week : 3				
0717_04	10 mg/m3	Week : 3				
0718_04	10 mg/m3	Week : 3				
0719_04	10 mg/m3	Week : 3				
0720_04	10 mg/m3	Week : 3				
0901_04	37 mg/m3	Week : 13	1.2	4.1	2.53	120
0902_04	37 mg/m3	Week : 13	1.28	4.4	2.23	149
0903_04	37 mg/m3	Week : 13	0.61	3.7	2.03	93
0904_04	37 mg/m3	Week : 13	0.69	5.3	2.46	150
0905_04	37 mg/m3	Week : 13	2.57	5.7	3.06	119

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0906_04	37 mg/m3	Week : 13	0.6	2.8	1.93	91
0907_04	37 mg/m3	Week : 13		4.8	2.56	123
0908_04	37 mg/m3	Week : 13	1.07	3.9	2.32	132
0909_04	37 mg/m3	Week : 13	0.45	3	2.02	80
0910_04	37 mg/m3	Week : 13	1.41	5.2	2.85	147
0911_04	37 mg/m3	Week : 3				
0912_04	37 mg/m3	Week : 3				
0913_04	37 mg/m3	Week : 3				
0914_04	37 mg/m3	Week : 3				
0915_04	37 mg/m3	Week : 3				
0916_04	37 mg/m3	Week : 3				
0917_04	37 mg/m3	Week : 3				
0918_04	37 mg/m3	Week : 3				
0919_04	37 mg/m3	Week : 3				
0920_04	37 mg/m3	Week : 3				
1101_04	75 mg/m3	Week : 13	1.8	4.1	2.18	132
1102_04	75 mg/m3	Week : 13	0.91	4.2	2.35	139
1103_04	75 mg/m3	Week : 13	1.04	4.2	2.55	99
1104_04	75 mg/m3	Week : 13	1.22	2.3	1.37	132
1105_04	75 mg/m3	Week : 13	1.11	4.8	2.46	115
1106_04	75 mg/m3	Week : 13	1.44	4.7	2.41	122

Experiment Number: 05180-04

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 11:21:28

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
1107_04	75 mg/m3	Week : 13				
1108_04	75 mg/m3	Week : 13	0.81	4.9	2.53	118
1109_04	75 mg/m3	Week : 13	2	2.5	1.33	106
1110_04	75 mg/m3	Week : 13	0.62	3		108
1111_04	75 mg/m3	Week : 3				
1112_04	75 mg/m3	Week : 3				
1113_04	75 mg/m3	Week : 3				
1114_04	75 mg/m3	Week : 3				
1115_04	75 mg/m3	Week : 3				
1116_04	75 mg/m3	Week : 3				
1117_04	75 mg/m3	Week : 3				
1118_04	75 mg/m3	Week : 3				
1119_04	75 mg/m3	Week : 3				
1120_04	75 mg/m3	Week : 3				

** END OF REPORT **