

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:34

First Dose M/F: NA / NA

Lab: NA

C Number: C55425B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:34

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0001_03	0 ppb	Week : 13	4	1.54	328	60
0002_03	0 ppb	Week : 13	3.7	1.32	297	49
0003_03	0 ppb	Week : 13	4.1	1.52	319	43
0004_03	0 ppb	Week : 13	3.8	1.31	257	64
0005_03	0 ppb	Week : 13	3.9	1.3	271	39
0006_03	0 ppb	Week : 13	3.7	1.19	276	48
0007_03	0 ppb	Week : 13	4	1.29	272	49
0008_03	0 ppb	Week : 13	4	1.38	289	51
0009_03	0 ppb	Week : 13	3.8	1.23	294	55
0010_03	0 ppb	Week : 13	3.9	1.34	301	49
0011_03	0 ppb	Day : 3	3.7	1.95	844	43
0011_03	0 ppb	Day : 23	3.9	1.5	550	40
0012_03	0 ppb	Day : 3	3.7	1.68	781	43
0012_03	0 ppb	Day : 23	4	1.38	569	36
0013_03	0 ppb	Day : 3	3.4	1.62	881	47
0013_03	0 ppb	Day : 23	4	1.67	602	37
0014_03	0 ppb	Day : 3	3.6	2	808	40
0014_03	0 ppb	Day : 23	3.8	1.46	529	35
0015_03	0 ppb	Day : 3	3.4	1.62	929	44
0015_03	0 ppb	Day : 23	4	1.6	648	38
0016_03	0 ppb	Day : 3	3.5	1.84	746	47
0016_03	0 ppb	Day : 23	3.9	1.63	512	37

Experiment Number: 05184-03

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P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:35

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_03	0 ppb	Day : 3	3.5	1.52	760	40
0017_03	0 ppb	Day : 23	3.9	1.5	472	38
0018_03	0 ppb	Day : 3	3.5	1.75	747	42
0018_03	0 ppb	Day : 23	4.1	1.46	502	37
0019_03	0 ppb	Day : 3	3.1	1.35	874	49
0019_03	0 ppb	Day : 23	4	1.48	520	35
0020_03	0 ppb	Day : 3	3.9	1.86	641	38
0020_03	0 ppb	Day : 23	3.9	1.5	479	38
0201_03	62.5 ppb	Week : 13	4	1.38	298	43
0202_03	62.5 ppb	Week : 13	3.7	1.28	273	86
0203_03	62.5 ppb	Week : 13	4	1.43	320	68
0204_03	62.5 ppb	Week : 13	3.4	1.06	298	46
0205_03	62.5 ppb	Week : 13	4.3	1.39	289	43
0206_03	62.5 ppb	Week : 13	3.9	1.22	267	56
0207_03	62.5 ppb	Week : 13	3.9	1.22	276	56
0208_03	62.5 ppb	Week : 13	4.1	1.37	269	53
0209_03	62.5 ppb	Week : 13	3.8	1.23	295	76
0210_03	62.5 ppb	Week : 13	4	1.48	282	85
0211_03	62.5 ppb	Day : 3	3.5	1.75	831	41
0211_03	62.5 ppb	Day : 23	3.9	1.63	556	48
0212_03	62.5 ppb	Day : 3	3.5	1.75	729	42
0212_03	62.5 ppb	Day : 23	3.9	1.44	605	42

Experiment Number: 05184-03

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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_03	62.5 ppb	Day : 3	3.6	1.8	896	44
0213_03	62.5 ppb	Day : 23	3.8	1.65	584	33
0214_03	62.5 ppb	Day : 3	3.5	1.84	862	43
0214_03	62.5 ppb	Day : 23	4	1.74	602	35
0215_03	62.5 ppb	Day : 3	3.4	1.7	873	44
0215_03	62.5 ppb	Day : 23	3.8	1.46	624	36
0216_03	62.5 ppb	Day : 3	3.3	1.38	880	44
0216_03	62.5 ppb	Day : 23	3.8	1.58	574	35
0217_03	62.5 ppb	Day : 3	3.3	1.38	861	43
0217_03	62.5 ppb	Day : 23	4.1	1.64	533	39
0218_03	62.5 ppb	Day : 3	3.6	1.71	847	46
0218_03	62.5 ppb	Day : 23	3.9	1.5	518	35
0219_03	62.5 ppb	Day : 3	3.7	1.85	730	45
0219_03	62.5 ppb	Day : 23	4.1	1.52	488	34
0220_03	62.5 ppb	Day : 3	3.6	1.8	837	48
0220_03	62.5 ppb	Day : 23	3.8	1.52	506	39
0401_03	125 ppb	Week : 13	4	1.43	467	106
0402_03	125 ppb	Week : 13	3.7	1.19	322	56
0403_03	125 ppb	Week : 13	3.8	1.36	312	46
0404_03	125 ppb	Week : 13	3.9	1.44	387	66
0405_03	125 ppb	Week : 13	3.9	1.34	225	46
0406_03	125 ppb	Week : 13	3.9	1.39	323	63

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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_03	125 ppb	Week : 13	3.5	1.03	328	55
0408_03	125 ppb	Week : 13	3.7	1.32	323	103
0409_03	125 ppb	Week : 13	3.8	1.23	290	58
0410_03	125 ppb	Week : 13	3.7	1.28	377	78
0411_03	125 ppb	Day : 3	3.6	1.71	993	56
0411_03	125 ppb	Day : 23	3.7	1.48	625	43
0412_03	125 ppb	Day : 3	3.5	1.84	842	46
0412_03	125 ppb	Day : 23	4.1	1.64	587	38
0413_03	125 ppb	Day : 3	3.6	1.89	919	40
0413_03	125 ppb	Day : 23	3.7	1.48	611	34
0414_03	125 ppb	Day : 3	3.5	1.67	834	40
0414_03	125 ppb	Day : 23	3.8	1.65	562	37
0415_03	125 ppb	Day : 3	3.3	1.65	839	47
0415_03	125 ppb	Day : 23	3.8	1.73	525	34
0416_03	125 ppb	Day : 3	3.7	1.95	817	44
0416_03	125 ppb	Day : 23	3.5	1.25	574	41
0417_03	125 ppb	Day : 3	3.6	1.64	853	43
0417_03	125 ppb	Day : 23	3.8	1.46	563	40
0418_03	125 ppb	Day : 3	3.4	1.62	879	44
0418_03	125 ppb	Day : 23	3.9	1.44	619	43
0419_03	125 ppb	Day : 3	3.4	1.79	812	41
0419_03	125 ppb	Day : 23	3.7	1.48	546	38

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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
0420_03	125 ppb	Day : 3	3.3	1.57	936	46
0420_03	125 ppb	Day : 23	3.9	1.63	575	35
0601_03	250 ppb	Week : 13	4	1.48	285	34
0602_03	250 ppb	Week : 13	3.8	1.27	281	36
0603_03	250 ppb	Week : 13	4	1.29	305	76
0604_03	250 ppb	Week : 13	3.9	1.39	300	44
0605_03	250 ppb	Week : 13	3.9	1.56	291	39
0606_03	250 ppb	Week : 13	3.6	1	287	49
0607_03	250 ppb	Week : 13	3.7	1.23	323	50
0608_03	250 ppb	Week : 13	3.8	1.31	259	46
0609_03	250 ppb	Week : 13	3.7	1.12	303	46
0610_03	250 ppb	Week : 13	3.8	1.27	273	46
0611_03	250 ppb	Day : 3	3.7	1.85	771	43
0611_03	250 ppb	Day : 23	3.7	1.54	624	35
0612_03	250 ppb	Day : 3	3.7	1.61	755	41
0612_03	250 ppb	Day : 23	4	1.33	631	41
0613_03	250 ppb	Day : 3	3.5	1.67	844	46
0613_03	250 ppb	Day : 23	3.7	1.48	601	38
0614_03	250 ppb	Day : 3	3.3	1.43	861	41
0614_03	250 ppb	Day : 23	3.8	1.58	247	45
0615_03	250 ppb	Day : 3	3.3	1.5	769	40
0615_03	250 ppb	Day : 23	4	1.33	609	44

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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
0616_03	250 ppb	Day : 3	3.6	1.8	719	47
0616_03	250 ppb	Day : 23	3.8	1.46	533	40
0617_03	250 ppb	Day : 3	3.5	1.67	759	45
0617_03	250 ppb	Day : 23	3.9	1.56	550	40
0618_03	250 ppb	Day : 3	3.4	1.55	876	53
0618_03	250 ppb	Day : 23	3.8	1.52	571	45
0619_03	250 ppb	Day : 3	3.6	1.64	756	46
0619_03	250 ppb	Day : 23	3.9	1.63	480	39
0620_03	250 ppb	Day : 3	3.6	1.64	881	50
0620_03	250 ppb	Day : 23	3.8	1.73	596	39
0801_03	500 ppb	Week : 13	4	1.48	312	52
0802_03	500 ppb	Week : 13	4	1.29	321	50
0803_03	500 ppb	Week : 13	3.7	1.16	319	45
0804_03	500 ppb	Week : 13	3.6	1.2	337	60
0805_03	500 ppb	Week : 13	4.1	1.52	291	58
0806_03	500 ppb	Week : 13	3.7	1.37	274	44
0807_03	500 ppb	Week : 13	4.1	1.52	289	42
0808_03	500 ppb	Week : 13	3.9	1.26	273	77
0809_03	500 ppb	Week : 13	3.8	1.15	311	51
0810_03	500 ppb	Week : 13	4.3	1.54	318	45
0811_03	500 ppb	Day : 3	3.5	1.59	820	45
0811_03	500 ppb	Day : 23	3.9	1.5	614	55

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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
0812_03	500 ppb	Day : 3	3.7	2.06	829	44
0812_03	500 ppb	Day : 23	4	1.82	582	37
0813_03	500 ppb	Day : 3	3.6	1.8	753	44
0813_03	500 ppb	Day : 23	4	1.9	582	38
0814_03	500 ppb	Day : 3	3.5	1.67	786	46
0814_03	500 ppb	Day : 23	3.6	1.33	566	41
0815_03	500 ppb	Day : 3	3.5	1.75	837	47
0815_03	500 ppb	Day : 23	3.8	1.46	566	36
0816_03	500 ppb	Day : 3	3.7	2.06	797	45
0816_03	500 ppb	Day : 23	3.9	1.63	527	39
0817_03	500 ppb	Day : 3	3.5	1.59	784	42
0817_03	500 ppb	Day : 23	4	1.6	553	41
0818_03	500 ppb	Day : 3	3.7	1.68	710	49
0818_03	500 ppb	Day : 23	3.9	1.5	525	73
0819_03	500 ppb	Day : 3	3.7	1.76	628	40
0819_03	500 ppb	Day : 23	3.9	1.7	539	47
0820_03	500 ppb	Day : 3	3.7	2.06	878	51
0820_03	500 ppb	Day : 23	3.7	1.61	554	38
1001_03	1000 ppb	Week : 13	3.9	1.56	341	46
1002_03	1000 ppb	Week : 13	3.8	1.46	302	36
1003_03	1000 ppb	Week : 13	3.6	1.16	356	50
1004_03	1000 ppb	Week : 13	3.8	1.31	325	44

Experiment Number: 05184-03

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P42: Clinical Chemistry Data

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Time Report Requested: 12:29:35

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_03	1000 ppb	Week : 13	3.7	1.19	297	56
1006_03	1000 ppb	Week : 13	3.7	1.16	311	39
1007_03	1000 ppb	Week : 13	3.8	1.36	303	47
1008_03	1000 ppb	Week : 13	3.8	1.31	330	48
1009_03	1000 ppb	Week : 13	3.9	1.5	260	36
1010_03	1000 ppb	Week : 13	4	1.48	297	40
1011_03	1000 ppb	Day : 3	3.5	1.67	734	41
1011_03	1000 ppb	Day : 23	4	1.74	595	49
1012_03	1000 ppb	Day : 3	3.8	1.73	762	38
1012_03	1000 ppb	Day : 23	4	2	551	42
1013_03	1000 ppb	Day : 3	3.6	1.5	626	40
1013_03	1000 ppb	Day : 23	4	1.48	544	48
1014_03	1000 ppb	Day : 3	3.7	1.85	865	50
1014_03	1000 ppb	Day : 23	3.9	2.05	648	39
1015_03	1000 ppb	Day : 3	3.6	1.44	670	42
1015_03	1000 ppb	Day : 23	3.9	1.56	338	50
1016_03	1000 ppb	Day : 3	3.9	1.7	902	50
1016_03	1000 ppb	Day : 23	4.1	1.78	567	43
1017_03	1000 ppb	Day : 3	3.6	1.5	702	43
1017_03	1000 ppb	Day : 23	4	1.6	366	49
1018_03	1000 ppb	Day : 3	3.6	1.64	772	49
1018_03	1000 ppb	Day : 23	3.5	1.52	419	61

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:35

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
1019_03	1000 ppb	Day : 3	3.6	1.89	873	50
1019_03	1000 ppb	Day : 23	3.7	1.76	562	72
1020_03	1000 ppb	Day : 3	3.9	1.77	799	43
1020_03	1000 ppb	Day : 23	4	1.33	395	61

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0001_03	0 ppb	Week : 13	24	20	97	0.7
0002_03	0 ppb	Week : 13	16	20	86	0.6
0003_03	0 ppb	Week : 13	20	23	73	0.7
0004_03	0 ppb	Week : 13	23	20	109	0.7
0005_03	0 ppb	Week : 13	18	19	106	0.6
0006_03	0 ppb	Week : 13	36	22	498*	0.7
0007_03	0 ppb	Week : 13	17	23	90	0.7
0008_03	0 ppb	Week : 13	19	20	65	0.7
0009_03	0 ppb	Week : 13	18	19	69	0.6
0010_03	0 ppb	Week : 13	20	19	68	0.6
0011_03	0 ppb	Day : 3	20	25	263	0.6
0011_03	0 ppb	Day : 23	25	19	477	0.7
0012_03	0 ppb	Day : 3	26	19	265	0.7
0012_03	0 ppb	Day : 23	20	17	175	0.8
0013_03	0 ppb	Day : 3	27	21	246	0.7
0013_03	0 ppb	Day : 23	18	18	130	0.7
0014_03	0 ppb	Day : 3	29	21	304	0.7
0014_03	0 ppb	Day : 23	20	15	189	0.7
0015_03	0 ppb	Day : 3	19	22	230	0.7
0015_03	0 ppb	Day : 23	21	20	253	0.8
0016_03	0 ppb	Day : 3	19	22	265	0.6
0016_03	0 ppb	Day : 23	37	16	224	0.6

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0017_03	0 ppb	Day : 3	19	20	166	0.6
0017_03	0 ppb	Day : 23	36	16	179	0.6
0018_03	0 ppb	Day : 3	14	22	261	0.6
0018_03	0 ppb	Day : 23	49	16	140	0.6
0019_03	0 ppb	Day : 3	19	17	183	0.6
0019_03	0 ppb	Day : 23	39	15	173	0.6
0020_03	0 ppb	Day : 3	12	13	184	0.5
0020_03	0 ppb	Day : 23	37	17	175	0.5
0201_03	62.5 ppb	Week : 13	18	18	83	0.7
0202_03	62.5 ppb	Week : 13	30	19	318	0.6
0203_03	62.5 ppb	Week : 13	18	25	87	0.8
0204_03	62.5 ppb	Week : 13	22	22	72	0.6
0205_03	62.5 ppb	Week : 13	24	23	78	0.8
0206_03	62.5 ppb	Week : 13	20	23	76	0.6
0207_03	62.5 ppb	Week : 13	22	19	93	0.7
0208_03	62.5 ppb	Week : 13	15	22	139	0.7
0209_03	62.5 ppb	Week : 13	18	18	60	0.6
0210_03	62.5 ppb	Week : 13	37	21	100	0.7
0211_03	62.5 ppb	Day : 3	22	20	368	0.6
0211_03	62.5 ppb	Day : 23	35	19	246	0.7
0212_03	62.5 ppb	Day : 3	13	21	190	0.6
0212_03	62.5 ppb	Day : 23	22	22	137	0.8

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0212_03	62.5 ppb	Day : 23	22	22	137	0.8
0213_03	62.5 ppb	Day : 3	14	17	248	0.5
0213_03	62.5 ppb	Day : 23	20	18	198	0.7
0214_03	62.5 ppb	Day : 3	14	20	176	0.6
0214_03	62.5 ppb	Day : 23	24	19	242	0.7
0215_03	62.5 ppb	Day : 3	14	22	253	0.6
0215_03	62.5 ppb	Day : 23	23	17	138	0.7
0216_03	62.5 ppb	Day : 3	16	22	242	0.6
0216_03	62.5 ppb	Day : 23	42	16	117	0.7
0217_03	62.5 ppb	Day : 3	18	26	189	0.6
0217_03	62.5 ppb	Day : 23	25	16	105	0.6
0218_03	62.5 ppb	Day : 3	21	21	195	0.6
0218_03	62.5 ppb	Day : 23	29	14	318	0.7
0219_03	62.5 ppb	Day : 3	18	23	203	0.6
0219_03	62.5 ppb	Day : 23	23	15	173	0.6
0220_03	62.5 ppb	Day : 3	12	26	256	0.6
0220_03	62.5 ppb	Day : 23	24	15	151	0.6
0401_03	125 ppb	Week : 13	14	23	55	0.7
0402_03	125 ppb	Week : 13	19	22	78	0.6
0403_03	125 ppb	Week : 13	13	24	68	0.7
0404_03	125 ppb	Week : 13	14	26	68	0.8
0405_03	125 ppb	Week : 13	20	19	90	0.6

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0406_03	125 ppb	Week : 13	16	20	78	0.7
0407_03	125 ppb	Week : 13	19	22	55	0.7
0408_03	125 ppb	Week : 13	22	21	53	0.5
0409_03	125 ppb	Week : 13	16	22	93	0.6
0410_03	125 ppb	Week : 13	13	23	44	0.6
0411_03	125 ppb	Day : 3	27	21	930	0.7
0411_03	125 ppb	Day : 23	33	18	388	0.7
0412_03	125 ppb	Day : 3	14	22	258	0.6
0412_03	125 ppb	Day : 23	20	18	155	0.7
0413_03	125 ppb	Day : 3	15	20	186	0.6
0413_03	125 ppb	Day : 23	21	19	139	0.6
0414_03	125 ppb	Day : 3	17	21	285	0.6
0414_03	125 ppb	Day : 23	22	18	81	0.6
0415_03	125 ppb	Day : 3	13	21	178	0.6
0415_03	125 ppb	Day : 23	20	14	136	0.6
0416_03	125 ppb	Day : 3	13	20	311	0.6
0416_03	125 ppb	Day : 23	18	17	174	0.5
0417_03	125 ppb	Day : 3	14	22	562	0.6
0417_03	125 ppb	Day : 23	40	17	166	0.7
0418_03	125 ppb	Day : 3	15	25	377	0.7
0418_03	125 ppb	Day : 23	21	20	140	0.7
0419_03	125 ppb	Day : 3	13	21	243	0.6

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0419_03	125 ppb	Day : 3	13	21	243	0.6
0419_03	125 ppb	Day : 23	19	18	212	0.6
0420_03	125 ppb	Day : 3	19	20	465	0.7
0420_03	125 ppb	Day : 23	26	15	269	0.6
0601_03	250 ppb	Week : 13	15	19	150	0.6
0602_03	250 ppb	Week : 13	18	19	101	0.6
0603_03	250 ppb	Week : 13	25	23	109	0.6
0604_03	250 ppb	Week : 13	15	19	67	0.6
0605_03	250 ppb	Week : 13	17	22	103	0.7
0606_03	250 ppb	Week : 13	49	20	114	0.7
0607_03	250 ppb	Week : 13	26	20	91	0.6
0608_03	250 ppb	Week : 13	16	24	63	0.7
0609_03	250 ppb	Week : 13	38	21	163	0.6
0610_03	250 ppb	Week : 13	19	22	102	0.6
0611_03	250 ppb	Day : 3	16	24	185	0.6
0611_03	250 ppb	Day : 23	24	17	147	0.6
0612_03	250 ppb	Day : 3	14	21	168	0.6
0612_03	250 ppb	Day : 23	23	17	245	0.6
0613_03	250 ppb	Day : 3	16	23	166	0.6
0613_03	250 ppb	Day : 23	19	18	105	0.6
0614_03	250 ppb	Day : 3	16	22	238	0.7
0614_03	250 ppb	Day : 23	38	18	474	0.7

Experiment Number: 05184-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 12:29:36

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_03	250 ppb	Day : 3	16	21	252	0.6
0615_03	250 ppb	Day : 23	44	18	278	0.7
0616_03	250 ppb	Day : 3	16	27	333	0.6
0616_03	250 ppb	Day : 23	21	16	123	0.6
0617_03	250 ppb	Day : 3	16	22	286	0.6
0617_03	250 ppb	Day : 23	22	16	165	0.6
0618_03	250 ppb	Day : 3	25	26	199	0.7
0618_03	250 ppb	Day : 23	24	14	165	0.5
0619_03	250 ppb	Day : 3	12	21	252	0.6
0619_03	250 ppb	Day : 23	23	16	173	0.5
0620_03	250 ppb	Day : 3	16	27	346	0.6
0620_03	250 ppb	Day : 23	21	15	183	0.5
0801_03	500 ppb	Week : 13	16	21	150	0.6
0802_03	500 ppb	Week : 13	18	23	70	0.6
0803_03	500 ppb	Week : 13	21	20	64	0.7
0804_03	500 ppb	Week : 13	15	20	110	0.7
0805_03	500 ppb	Week : 13	17	25	77	0.8
0806_03	500 ppb	Week : 13	16	22	95	0.7
0807_03	500 ppb	Week : 13	20	23	79	0.7
0808_03	500 ppb	Week : 13	20	20	93	0.7
0809_03	500 ppb	Week : 13	17	18	221	0.6
0810_03	500 ppb	Week : 13	18	23	104	0.7

Experiment Number: 05184-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 12:29:36

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_03	500 ppb	Week : 13	18	23	104	0.7
0811_03	500 ppb	Day : 3	18	25	307	0.5
0811_03	500 ppb	Day : 23	29	15	275	0.6
0812_03	500 ppb	Day : 3	13	19	147	0.6
0812_03	500 ppb	Day : 23	23	14	170	0.6
0813_03	500 ppb	Day : 3	14	25	184	0.6
0813_03	500 ppb	Day : 23	20	17	178	0.6
0814_03	500 ppb	Day : 3	15	23	207	0.6
0814_03	500 ppb	Day : 23	23	16	167	0.5
0815_03	500 ppb	Day : 3	18	21	261	0.6
0815_03	500 ppb	Day : 23	24	14	159	0.6
0816_03	500 ppb	Day : 3	12	20	330	0.5
0816_03	500 ppb	Day : 23	35	15	304	0.6
0817_03	500 ppb	Day : 3	14	19	313	0.5
0817_03	500 ppb	Day : 23	33	16	325	0.5
0818_03	500 ppb	Day : 3	15	22	269	0.5
0818_03	500 ppb	Day : 23	42	18	152	0.6
0819_03	500 ppb	Day : 3	15	24	194	0.6
0819_03	500 ppb	Day : 23	35	17	174	0.6
0820_03	500 ppb	Day : 3	17	22	266	0.6
0820_03	500 ppb	Day : 23	35	17	183	0.6
1001_03	1000 ppb	Week : 13	17	19	78	0.6

Experiment Number: 05184-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 12:29:36

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_03	1000 ppb	Week : 13	16	19	77	0.6
1003_03	1000 ppb	Week : 13	20	22	67	0.6
1004_03	1000 ppb	Week : 13	57*	23	59	0.6
1005_03	1000 ppb	Week : 13	23	22	59	0.6
1006_03	1000 ppb	Week : 13	15	21	72	0.6
1007_03	1000 ppb	Week : 13	21	22	86	0.6
1008_03	1000 ppb	Week : 13	17	23	95	0.6
1009_03	1000 ppb	Week : 13	25	23	69	0.7
1010_03	1000 ppb	Week : 13	19	22	52	0.6
1011_03	1000 ppb	Day : 3	14	18	282	0.5
1011_03	1000 ppb	Day : 23	23	17	186	0.7
1012_03	1000 ppb	Day : 3	23	21	312	0.5
1012_03	1000 ppb	Day : 23	29	16	205	0.6
1013_03	1000 ppb	Day : 3	20	27	562	0.8
1013_03	1000 ppb	Day : 23	29	19	361	0.7
1014_03	1000 ppb	Day : 3	41	21	221	0.6
1014_03	1000 ppb	Day : 23	29	15	410	0.6
1015_03	1000 ppb	Day : 3	13	21	264	0.5
1015_03	1000 ppb	Day : 23	31	15	142	0.6
1016_03	1000 ppb	Day : 3	20	21	1064	0.6
1016_03	1000 ppb	Day : 23	31	15	107	0.6
1017_03	1000 ppb	Day : 3	16	23	227	0.5

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	1000 ppb	Day : 3	16	23	227	0.5
1017_03	1000 ppb	Day : 23	23	14	241	0.5
1018_03	1000 ppb	Day : 3	17	24	246	0.5
1018_03	1000 ppb	Day : 23	20	14	211	0.5
1019_03	1000 ppb	Day : 3	17	24	278	0.5
1019_03	1000 ppb	Day : 23	21	22	162	0.5
1020_03	1000 ppb	Day : 3	17	24	381	0.7
1020_03	1000 ppb	Day : 23	21	14	273	0.7

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	0 ppb	Week : 13	2.6	6.6	28
0002_03	0 ppb	Week : 13	2.8	6.5	19
0003_03	0 ppb	Week : 13	2.7	6.8	15
0004_03	0 ppb	Week : 13	2.9	6.7	25
0005_03	0 ppb	Week : 13	3	6.9	16
0006_03	0 ppb	Week : 13	3.1	6.8	17
0007_03	0 ppb	Week : 13	3.1	7.1	18
0008_03	0 ppb	Week : 13	2.9	6.9	21
0009_03	0 ppb	Week : 13	3.1	6.9	24
0010_03	0 ppb	Week : 13	2.9	6.8	20
0011_03	0 ppb	Day : 3	1.9	5.6	17
0011_03	0 ppb	Day : 23	2.6	6.5	14
0012_03	0 ppb	Day : 3	2.2	5.9	19
0012_03	0 ppb	Day : 23	2.9	6.9	18
0013_03	0 ppb	Day : 3	2.1	5.5	19
0013_03	0 ppb	Day : 23	2.4	6.4	16
0014_03	0 ppb	Day : 3	1.8	5.4	16
0014_03	0 ppb	Day : 23	2.6	6.4	16
0015_03	0 ppb	Day : 3	2.1	5.5	14
0015_03	0 ppb	Day : 23	2.5	6.5	15
0016_03	0 ppb	Day : 3	1.9	5.4	15
0016_03	0 ppb	Day : 23	2.4	6.3	17

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	0 ppb	Day : 3	2.3	5.8	17
0017_03	0 ppb	Day : 23	2.6	6.5	15
0018_03	0 ppb	Day : 3	2	5.5	15
0018_03	0 ppb	Day : 23	2.8	6.9	19
0019_03	0 ppb	Day : 3	2.3	5.4	15
0019_03	0 ppb	Day : 23	2.7	6.7	16
0020_03	0 ppb	Day : 3	2.1	6	14
0020_03	0 ppb	Day : 23	2.6	6.5	18
0201_03	62.5 ppb	Week : 13	2.9	6.9	16
0202_03	62.5 ppb	Week : 13	2.9	6.6	37
0203_03	62.5 ppb	Week : 13	2.8	6.8	33
0204_03	62.5 ppb	Week : 13	3.2	6.6	16
0205_03	62.5 ppb	Week : 13	3.1	7.4	23
0206_03	62.5 ppb	Week : 13	3.2	7.1	17
0207_03	62.5 ppb	Week : 13	3.2	7.1	26
0208_03	62.5 ppb	Week : 13	3	7.1	21
0209_03	62.5 ppb	Week : 13	3.1	6.9	30
0210_03	62.5 ppb	Week : 13	2.7	6.7	41
0211_03	62.5 ppb	Day : 3	2	5.5	17
0211_03	62.5 ppb	Day : 23	2.4	6.3	17
0212_03	62.5 ppb	Day : 3	2	5.5	17
0212_03	62.5 ppb	Day : 23	2.7	6.6	17

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	62.5 ppb	Day : 3	2	5.6	16
0213_03	62.5 ppb	Day : 23	2.3	6.1	16
0214_03	62.5 ppb	Day : 3	1.9	5.4	14
0214_03	62.5 ppb	Day : 23	2.3	6.3	14
0215_03	62.5 ppb	Day : 3	2	5.4	15
0215_03	62.5 ppb	Day : 23	2.6	6.4	14
0216_03	62.5 ppb	Day : 3	2.4	5.7	17
0216_03	62.5 ppb	Day : 23	2.4	6.2	14
0217_03	62.5 ppb	Day : 3	2.4	5.7	17
0217_03	62.5 ppb	Day : 23	2.5	6.6	14
0218_03	62.5 ppb	Day : 3	2.1	5.7	18
0218_03	62.5 ppb	Day : 23	2.6	6.5	16
0219_03	62.5 ppb	Day : 3	2	5.7	16
0219_03	62.5 ppb	Day : 23	2.7	6.8	19
0220_03	62.5 ppb	Day : 3	2	5.6	16
0220_03	62.5 ppb	Day : 23	2.5	6.3	17
0401_03	125 ppb	Week : 13	2.8	6.8	30
0402_03	125 ppb	Week : 13	3.1	6.8	19
0403_03	125 ppb	Week : 13	2.8	6.6	18
0404_03	125 ppb	Week : 13	2.7	6.6	24
0405_03	125 ppb	Week : 13	2.9	6.8	17
0406_03	125 ppb	Week : 13	2.8	6.7	23

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	125 ppb	Week : 13	3.4	6.9	17
0408_03	125 ppb	Week : 13	2.8	6.5	33
0409_03	125 ppb	Week : 13	3.1	6.9	21
0410_03	125 ppb	Week : 13	2.9	6.6	23
0411_03	125 ppb	Day : 3	2.1	5.7	16
0411_03	125 ppb	Day : 23	2.5	6.2	14
0412_03	125 ppb	Day : 3	1.9	5.4	15
0412_03	125 ppb	Day : 23	2.5	6.6	15
0413_03	125 ppb	Day : 3	1.9	5.5	14
0413_03	125 ppb	Day : 23	2.5	6.2	12
0414_03	125 ppb	Day : 3	2.1	5.6	14
0414_03	125 ppb	Day : 23	2.3	6.1	12
0415_03	125 ppb	Day : 3	2	5.3	16
0415_03	125 ppb	Day : 23	2.2	6	11
0416_03	125 ppb	Day : 3	1.9	5.6	15
0416_03	125 ppb	Day : 23	2.8	6.3	17
0417_03	125 ppb	Day : 3	2.2	5.8	14
0417_03	125 ppb	Day : 23	2.6	6.4	16
0418_03	125 ppb	Day : 3	2.1	5.5	15
0418_03	125 ppb	Day : 23	2.7	6.6	18
0419_03	125 ppb	Day : 3	1.9	5.3	14
0419_03	125 ppb	Day : 23	2.5	6.2	16

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	125 ppb	Day : 3	2.1	5.4	14
0420_03	125 ppb	Day : 23	2.4	6.3	18
0601_03	250 ppb	Week : 13	2.7	6.7	16
0602_03	250 ppb	Week : 13	3	6.8	15
0603_03	250 ppb	Week : 13	3.1	7.1	35*
0604_03	250 ppb	Week : 13	2.8	6.7	17
0605_03	250 ppb	Week : 13	2.5	6.4	17
0606_03	250 ppb	Week : 13	3.6	7.2	15
0607_03	250 ppb	Week : 13	3	6.7	16
0608_03	250 ppb	Week : 13	2.9	6.7	16
0609_03	250 ppb	Week : 13	3.3	7	15
0610_03	250 ppb	Week : 13	3	6.8	15
0611_03	250 ppb	Day : 3	2	5.7	16
0611_03	250 ppb	Day : 23	2.4	6.1	14
0612_03	250 ppb	Day : 3	2.3	6	16
0612_03	250 ppb	Day : 23	3	7	16
0613_03	250 ppb	Day : 3	2.1	5.6	15
0613_03	250 ppb	Day : 23	2.5	6.2	13
0614_03	250 ppb	Day : 3	2.3	5.6	15
0614_03	250 ppb	Day : 23	2.4	6.2	19
0615_03	250 ppb	Day : 3	2.2	5.5	16
0615_03	250 ppb	Day : 23	3	7	20

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	250 ppb	Day : 3	2	5.6	15
0616_03	250 ppb	Day : 23	2.6	6.4	16
0617_03	250 ppb	Day : 3	2.1	5.6	14
0617_03	250 ppb	Day : 23	2.5	6.4	17
0618_03	250 ppb	Day : 3	2.2	5.6	19
0618_03	250 ppb	Day : 23	2.5	6.3	21
0619_03	250 ppb	Day : 3	2.2	5.8	16
0619_03	250 ppb	Day : 23	2.4	6.3	17
0620_03	250 ppb	Day : 3	2.2	5.8	15
0620_03	250 ppb	Day : 23	2.2	6	15
0801_03	500 ppb	Week : 13	2.7	6.7	20
0802_03	500 ppb	Week : 13	3.1	7.1	19
0803_03	500 ppb	Week : 13	3.2	6.9	16
0804_03	500 ppb	Week : 13	3	6.6	17
0805_03	500 ppb	Week : 13	2.7	6.8	27
0806_03	500 ppb	Week : 13	2.7	6.4	18
0807_03	500 ppb	Week : 13	2.7	6.8	15
0808_03	500 ppb	Week : 13	3.1	7	21
0809_03	500 ppb	Week : 13	3.3	7.1	16
0810_03	500 ppb	Week : 13	2.8	7.1	16
0811_03	500 ppb	Day : 3	2.2	5.7	16
0811_03	500 ppb	Day : 23	2.6	6.5	24

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	500 ppb	Day : 3	1.8	5.5	15
0812_03	500 ppb	Day : 23	2.2	6.2	16
0813_03	500 ppb	Day : 3	2	5.6	15
0813_03	500 ppb	Day : 23	2.1	6.1	16
0814_03	500 ppb	Day : 3	2.1	5.6	16
0814_03	500 ppb	Day : 23	2.7	6.3	20
0815_03	500 ppb	Day : 3	2	5.5	16
0815_03	500 ppb	Day : 23	2.6	6.4	15
0816_03	500 ppb	Day : 3	1.8	5.5	14
0816_03	500 ppb	Day : 23	2.4	6.3	16
0817_03	500 ppb	Day : 3	2.2	5.7	16
0817_03	500 ppb	Day : 23	2.5	6.5	15
0818_03	500 ppb	Day : 3	2.2	5.9	15
0818_03	500 ppb	Day : 23	2.6	6.5	30
0819_03	500 ppb	Day : 3	2.1	5.8	15
0819_03	500 ppb	Day : 23	2.3	6.2	18
0820_03	500 ppb	Day : 3	1.8	5.5	15
0820_03	500 ppb	Day : 23	2.3	6	14
1001_03	1000 ppb	Week : 13	2.5	6.4	17
1002_03	1000 ppb	Week : 13	2.6	6.4	12
1003_03	1000 ppb	Week : 13	3.1	6.7	15
1004_03	1000 ppb	Week : 13	2.9	6.7	14

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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_03	1000 ppb	Week : 13	3.1	6.8	15
1006_03	1000 ppb	Week : 13	3.2	6.9	14
1007_03	1000 ppb	Week : 13	2.8	6.6	14
1008_03	1000 ppb	Week : 13	2.9	6.7	16
1009_03	1000 ppb	Week : 13	2.6	6.5	14
1010_03	1000 ppb	Week : 13	2.7	6.7	13
1011_03	1000 ppb	Day : 3	2.1	5.6	14
1011_03	1000 ppb	Day : 23	2.3	6.3	21
1012_03	1000 ppb	Day : 3	2.2	6	13
1012_03	1000 ppb	Day : 23	2	6	20
1013_03	1000 ppb	Day : 3	2.4	6	22
1013_03	1000 ppb	Day : 23	2.7	6.7	17
1014_03	1000 ppb	Day : 3	2	5.7	17
1014_03	1000 ppb	Day : 23	1.9	5.8	16
1015_03	1000 ppb	Day : 3	2.5	6.1	12
1015_03	1000 ppb	Day : 23	2.5	6.4	19
1016_03	1000 ppb	Day : 3	2.3	6.2	12
1016_03	1000 ppb	Day : 23	2.3	6.4	18
1017_03	1000 ppb	Day : 3	2.4	6	16
1017_03	1000 ppb	Day : 23	2.5	6.5	14
1018_03	1000 ppb	Day : 3	2.2	5.8	17
1018_03	1000 ppb	Day : 23	2.3	5.8	15

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

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
1019_03	1000 ppb	Day : 3	1.9	5.5	14
1019_03	1000 ppb	Day : 23	2.1	5.8	16
1020_03	1000 ppb	Day : 3	2.2	6.1	16
1020_03	1000 ppb	Day : 23	3	7	26

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:36

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	Albumin Globulin Ratio	ALP IU per L	ALT IU per L
0101_03	0 ppb	Week : 13	3.7	1.23	230	40
0102_03	0 ppb	Week : 13	4	1.38	318	37
0103_03	0 ppb	Week : 13	3.8	1.36	268	35
0104_03	0 ppb	Week : 13	4	1.33	309	51
0105_03	0 ppb	Week : 13	3.7	1.12	206	42
0106_03	0 ppb	Week : 13	4.2	1.45	353	58
0107_03	0 ppb	Week : 13	4.1	1.41	273	43
0108_03	0 ppb	Week : 13	4.2	1.4	321	61
0109_03	0 ppb	Week : 13	3.8	1.27	226	37
0110_03	0 ppb	Week : 13	3.9	1.34	258	39
0111_03	0 ppb	Day : 3	3.8	1.73	648	43
0111_03	0 ppb	Day : 23	3.9	1.86	429	31
0112_03	0 ppb	Day : 3	3.8	1.81	671	40
0112_03	0 ppb	Day : 23	3.9	1.63	381	36
0113_03	0 ppb	Day : 3	3.9	1.77	677	42
0113_03	0 ppb	Day : 23	4	1.6	432	30
0114_03	0 ppb	Day : 3	3.6	1.71	645	41
0114_03	0 ppb	Day : 23	4.1	1.64	465	29
0115_03	0 ppb	Day : 3	3.5	1.52	706	39
0115_03	0 ppb	Day : 23	4.1	1.52	470	36
0116_03	0 ppb	Day : 3	3.6	1.8	603	35
0116_03	0 ppb	Day : 23	3.9	1.7	390	31

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:37

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_03	0 ppb	Day : 3	3.6	1.8	763	41
0117_03	0 ppb	Day : 23	4	1.74	431	31
0118_03	0 ppb	Day : 3	3.5	1.67	640	41
0118_03	0 ppb	Day : 23	3.9	1.63	388	30
0119_03	0 ppb	Day : 3	3.5	1.75	739	39
0119_03	0 ppb	Day : 23	4	1.82	400	30
0120_03	0 ppb	Day : 3	3.6	2	760	44
0120_03	0 ppb	Day : 23	4	1.67	371	29
0301_03	62.5 ppb	Week : 13	4.6	1.35	274	85
0302_03	62.5 ppb	Week : 13	3.8	1.46	270	34
0303_03	62.5 ppb	Week : 13	3.9	1.26	258	43
0304_03	62.5 ppb	Week : 13	4	1.33	239	57
0305_03	62.5 ppb	Week : 13	4	1.43	260	33
0306_03	62.5 ppb	Week : 13	3.9	1.5	218	55
0307_03	62.5 ppb	Week : 13	4.3	1.43	245	63
0308_03	62.5 ppb	Week : 13	4	1.18	277	88
0309_03	62.5 ppb	Week : 13	3.7	1.23	257	54
0310_03	62.5 ppb	Week : 13	4.1	1.28	277	47
0311_03	62.5 ppb	Day : 3	3.7	1.54	619	37
0311_03	62.5 ppb	Day : 23	3.9	1.77	472	43
0312_03	62.5 ppb	Day : 3	4	2.22	679	40
0312_03	62.5 ppb	Day : 23	4.2	1.62	471	29

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:37

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_03	62.5 ppb	Day : 3	3.7	1.85	616	40
0313_03	62.5 ppb	Day : 23	3.7	1.68	414	32
0314_03	62.5 ppb	Day : 3	3.7	1.76	684	43
0314_03	62.5 ppb	Day : 23	4	1.48	473	30
0315_03	62.5 ppb	Day : 3	3.5	1.46	693	44
0315_03	62.5 ppb	Day : 23	3.8	1.73	448	32
0316_03	62.5 ppb	Day : 3	3.9	1.63	650	44
0316_03	62.5 ppb	Day : 23	3.9	1.63	409	29
0317_03	62.5 ppb	Day : 3	3.9	1.86	661	42
0317_03	62.5 ppb	Day : 23	3.9	1.7	455	39
0318_03	62.5 ppb	Day : 3	3.7	1.61	678	52
0318_03	62.5 ppb	Day : 23	3.6	1.44	430	30
0319_03	62.5 ppb	Day : 3	3.9	1.7	641	38
0319_03	62.5 ppb	Day : 23	3.7	1.48	427	41
0320_03	62.5 ppb	Day : 3	3.5	1.75	698	48
0320_03	62.5 ppb	Day : 23	3.8	1.65	465	30
0501_03	125 ppb	Week : 13	4	1.25	335	48
0502_03	125 ppb	Week : 13	3.7	1.12	306	50
0503_03	125 ppb	Week : 13	3.7	1.28	329	53
0504_03	125 ppb	Week : 13	3.9	1.44	291	36
0505_03	125 ppb	Week : 13	4.1	1.32	262	46
0506_03	125 ppb	Week : 13	3.8	1.41	361	58

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:37

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
0507_03	125 ppb	Week : 13	3.9	1.3	285	66
0508_03	125 ppb	Week : 13	4.5	1.45	270	58
0509_03	125 ppb	Week : 13	4.1	1.37	271	49
0510_03	125 ppb	Week : 13	4.1	1.37	273	55
0511_03	125 ppb	Day : 3	3.8	2	736	38
0511_03	125 ppb	Day : 23	3.8	1.73	478	33
0512_03	125 ppb	Day : 3	3.5	1.75	677	38
0512_03	125 ppb	Day : 23	3.8	1.52	421	30
0513_03	125 ppb	Day : 3	3.2	1.45	663	38
0513_03	125 ppb	Day : 23	4	1.67	466	34
0514_03	125 ppb	Day : 3	3.8	2	642	38
0514_03	125 ppb	Day : 23	3.9	1.63	408	27
0515_03	125 ppb	Day : 3	3.5	1.67	547	36
0515_03	125 ppb	Day : 23	4	1.67	384	33
0516_03	125 ppb	Day : 3	3.3	1.65	769	43
0516_03	125 ppb	Day : 23	3.5	1.4	470	30
0517_03	125 ppb	Day : 3	3.4	1.62	525	32
0517_03	125 ppb	Day : 23	3.9	1.56	364	31
0518_03	125 ppb	Day : 3	3.4	1.62	679	44
0518_03	125 ppb	Day : 23	3.7	1.48	401	34
0519_03	125 ppb	Day : 3	3.7	1.85	593	42
0519_03	125 ppb	Day : 23	4	1.48	490	42

Experiment Number: 05184-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 12:29:37

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_03	125 ppb	Day : 3	3.6	1.71	1244	40
0520_03	125 ppb	Day : 23	3.6	1.5	866	44
0701_03	250 ppb	Week : 13	4	1.54	284	40
0702_03	250 ppb	Week : 13	4	1.29	297	49
0703_03	250 ppb	Week : 13	3.7	1.03	278	56
0704_03	250 ppb	Week : 13	3.9	1.3	247	37
0705_03	250 ppb	Week : 13	4	1.48	299	42
0706_03	250 ppb	Week : 13	4	1.25	271	48
0708_03	250 ppb	Week : 13	3.9	1.15	219	40
0709_03	250 ppb	Week : 13	4.4	1.33	223	42
0710_03	250 ppb	Week : 13	4.1	1.58	275	36
0711_03	250 ppb	Day : 3	3.4	1.89	684	45
0711_03	250 ppb	Day : 23	3.9	1.63	549	36
0712_03	250 ppb	Day : 3	3.6	1.89	634	38
0712_03	250 ppb	Day : 23	4	1.9	484	37
0713_03	250 ppb	Day : 3	3.3	1.74	613	35
0713_03	250 ppb	Day : 23	3.7	1.42	470	36
0714_03	250 ppb	Day : 3	3.3	1.74	576	40
0714_03	250 ppb	Day : 23	3.7	1.42	371	35
0715_03	250 ppb	Day : 3	3.5	1.67	573	43
0715_03	250 ppb	Day : 23	4	1.67	418	30
0716_03	250 ppb	Day : 3	3.7	2.06	683	42

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:37

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_03	250 ppb	Day : 23	3.7	1.48	466	35
0717_03	250 ppb	Day : 3	3.4	1.55	559	35
0717_03	250 ppb	Day : 23	4	1.6	449	32
0718_03	250 ppb	Day : 3	3.4	1.89	672	40
0718_03	250 ppb	Day : 23	3.8	1.52	449	33
0719_03	250 ppb	Day : 3	3.4	1.79	603	39
0719_03	250 ppb	Day : 23	3.8	1.46	472	36
0720_03	250 ppb	Day : 3	3.3	1.65	626	39
0720_03	250 ppb	Day : 23	3.7	1.68	411	34
0901_03	500 ppb	Week : 13	4	1.38	250	36
0902_03	500 ppb	Week : 13	4.1	1.41	263	37
0903_03	500 ppb	Week : 13	4.3	1.43	277	51
0904_03	500 ppb	Week : 13	4.1	1.32	305	95
0905_03	500 ppb	Week : 13	4.1	1.32	274	42
0906_03	500 ppb	Week : 13	4.1	1.46	316	55
0907_03	500 ppb	Week : 13	3.8	1.23	303	56
0908_03	500 ppb	Week : 13	3.9	1.26	265	89
0909_03	500 ppb	Week : 13	4.1	1.32	226	51
0910_03	500 ppb	Week : 13	4	1.54	254	47
0911_03	500 ppb	Day : 3	3.3	1.57	584	40
0911_03	500 ppb	Day : 23	3.9	1.86	542	49
0912_03	500 ppb	Day : 3	3.6	2	579	41

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:37

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_03	500 ppb	Day : 23	3.9	1.63	521	34
0913_03	500 ppb	Day : 3	3.5	1.67	580	42
0913_03	500 ppb	Day : 23	3.8	1.58	474	32
0914_03	500 ppb	Day : 3	3.6	1.89	706	41
0914_03	500 ppb	Day : 23	4	1.6	525	33
0915_03	500 ppb	Day : 3	3.5	1.75	591	39
0915_03	500 ppb	Day : 23	3.8	1.58	467	33
0916_03	500 ppb	Day : 3	3.4	1.62	682	46
0916_03	500 ppb	Day : 23	3.8	1.81	502	34
0917_03	500 ppb	Day : 3	3.6	2	709	40
0917_03	500 ppb	Day : 23	4.1	1.78	415	31
0918_03	500 ppb	Day : 3	3.8	1.81	670	47
0918_03	500 ppb	Day : 23	4	1.67	517	34
0919_03	500 ppb	Day : 3	3.7	1.68	594	37
0919_03	500 ppb	Day : 23	4.1	1.78	429	36
0920_03	500 ppb	Day : 3	3.9	2.29	665	45
0920_03	500 ppb	Day : 23	4.1	1.78	491	33
1101_03	1000 ppb	Week : 13	3.8	1.31	345	42
1102_03	1000 ppb	Week : 13	4	1.54	309	42
1103_03	1000 ppb	Week : 13	4	1.48	315	39
1104_03	1000 ppb	Week : 13	3.9	1.34	253	49
1105_03	1000 ppb	Week : 13	4.3	1.54	270	45

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:37

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
1106_03	1000 ppb	Week : 13	3.8	1.19	300	36
1107_03	1000 ppb	Week : 13	4	1.43	266	47
1108_03	1000 ppb	Week : 13	4	1.43	340	41
1109_03	1000 ppb	Week : 13	4.1	1.37	289	66
1110_03	1000 ppb	Week : 13	3.5	1.52	317	90
1111_03	1000 ppb	Day : 3	3.8	1.81	488	31
1111_03	1000 ppb	Day : 23	3.5	1.46	441	61
1112_03	1000 ppb	Day : 3	3.6	1.71	669	34
1112_03	1000 ppb	Day : 23	4.1	1.78	534	40
1113_03	1000 ppb	Day : 3	3.4	1.55	569	41
1113_03	1000 ppb	Day : 23	3.7	1.54	426	35
1114_03	1000 ppb	Day : 3	4	1.9	670	45
1114_03	1000 ppb	Day : 23	3.6	1.8	426	78
1115_03	1000 ppb	Day : 3	3.5	1.67	677	45
1115_03	1000 ppb	Day : 23	3.4	1.79	444	52
1116_03	1000 ppb	Day : 3	3.6	1.89	925	34
1116_03	1000 ppb	Day : 23	3.8	2	714	42
1117_03	1000 ppb	Day : 3	3.8	1.81	606	40
1117_03	1000 ppb	Day : 23	3.4	1.7	408	74
1118_03	1000 ppb	Day : 3	3.7	1.68	645	45
1118_03	1000 ppb	Day : 23	3.6	1.8	479	61
1119_03	1000 ppb	Day : 3	3.6	1.64	603	39

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:37

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_03	1000 ppb	Day : 23	3.8	1.73	508	41
1120_03	1000 ppb	Day : 3	3.7	1.95	646	40
1120_03	1000 ppb	Day : 23	3.7	1.76	523	39

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0101_03	0 ppb	Week : 13	59*	18	108	0.6
0102_03	0 ppb	Week : 13	20	21	332*	0.8
0103_03	0 ppb	Week : 13	15	19	141	0.7
0104_03	0 ppb	Week : 13	29	22	141	0.7
0105_03	0 ppb	Week : 13	26	21	158	0.7
0106_03	0 ppb	Week : 13	14	22	57	0.7
0107_03	0 ppb	Week : 13	14	21	52	0.7
0108_03	0 ppb	Week : 13	20	23	152	0.7
0109_03	0 ppb	Week : 13	26	22	82	0.7
0110_03	0 ppb	Week : 13	12	18	148	0.6
0111_03	0 ppb	Day : 3	20	25	382	0.7
0111_03	0 ppb	Day : 23	17	18	182	0.6
0112_03	0 ppb	Day : 3	12	22	225	0.7
0112_03	0 ppb	Day : 23	17	22	466	0.7
0113_03	0 ppb	Day : 3	14	24	456	0.7
0113_03	0 ppb	Day : 23	13	21	177	0.7
0114_03	0 ppb	Day : 3	10	25	484	0.6
0114_03	0 ppb	Day : 23	16	21	185	0.7
0115_03	0 ppb	Day : 3	12	21	166	0.7
0115_03	0 ppb	Day : 23	16	17	174	0.7
0116_03	0 ppb	Day : 3	13	20	321	0.6
0116_03	0 ppb	Day : 23	14	16	89	0.5

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
0117_03	0 ppb	Day : 3	18	22	171	0.7
0117_03	0 ppb	Day : 23	14	16	141	0.5
0118_03	0 ppb	Day : 3	12	20	367	0.6
0118_03	0 ppb	Day : 23	14	15	118	0.5
0119_03	0 ppb	Day : 3	10	20	258	0.6
0119_03	0 ppb	Day : 23	15	16	152	0.6
0120_03	0 ppb	Day : 3	15	20	306	0.6
0120_03	0 ppb	Day : 23	16	11	346	0.5
0301_03	62.5 ppb	Week : 13	43	25	204	0.7
0302_03	62.5 ppb	Week : 13	13	23	77	0.6
0303_03	62.5 ppb	Week : 13	12	21	152	0.7
0304_03	62.5 ppb	Week : 13	19	22	91	0.7
0305_03	62.5 ppb	Week : 13	13	23	100	0.7
0306_03	62.5 ppb	Week : 13	52	22	141	0.8
0307_03	62.5 ppb	Week : 13	16	24	106	0.6
0308_03	62.5 ppb	Week : 13	21	26	98	0.7
0309_03	62.5 ppb	Week : 13	13	26	71	0.6
0310_03	62.5 ppb	Week : 13	17	25	267	0.7
0311_03	62.5 ppb	Day : 3	15	21	297	0.6
0311_03	62.5 ppb	Day : 23	14	21	128	0.7
0312_03	62.5 ppb	Day : 3	9	24	147	0.6
0312_03	62.5 ppb	Day : 23	14	22	154	0.6

Experiment Number: 05184-03

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 12:29:37

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_03	62.5 ppb	Day : 23	14	22	154	0.6
0313_03	62.5 ppb	Day : 3	13	22	290	0.7
0313_03	62.5 ppb	Day : 23	17	15	133	0.6
0314_03	62.5 ppb	Day : 3	11	23	224	0.6
0314_03	62.5 ppb	Day : 23	20	23	181	0.7
0315_03	62.5 ppb	Day : 3	9	25	176	0.7
0315_03	62.5 ppb	Day : 23	15	15	184	0.7
0316_03	62.5 ppb	Day : 3	10	24	256	0.7
0316_03	62.5 ppb	Day : 23	17	19	477	0.7
0317_03	62.5 ppb	Day : 3	9	22	404	0.6
0317_03	62.5 ppb	Day : 23	15	17	333	0.6
0318_03	62.5 ppb	Day : 3	15	19	451	0.6
0318_03	62.5 ppb	Day : 23	17	18	137	0.6
0319_03	62.5 ppb	Day : 3		25	220	0.6
0319_03	62.5 ppb	Day : 23	18	19	150	0.6
0320_03	62.5 ppb	Day : 3	12	17	927*	0.5
0320_03	62.5 ppb	Day : 23	16	18	99	0.5
0501_03	125 ppb	Week : 13	12	28	67	0.8
0502_03	125 ppb	Week : 13	15	21	136	0.7
0503_03	125 ppb	Week : 13	13	26	50	0.7
0504_03	125 ppb	Week : 13	15	22	46	0.6
0505_03	125 ppb	Week : 13	25	21	67	0.7

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
0506_03	125 ppb	Week : 13	27	26	87	0.7
0507_03	125 ppb	Week : 13	25	23	137	0.7
0508_03	125 ppb	Week : 13	18	24	83	0.7
0509_03	125 ppb	Week : 13	31	24	87	0.8
0510_03	125 ppb	Week : 13	25	25	85	0.7
0511_03	125 ppb	Day : 3	18	30	304	0.6
0511_03	125 ppb	Day : 23	15	21	125	0.6
0512_03	125 ppb	Day : 3	14	24	181	0.6
0512_03	125 ppb	Day : 23	14	21	111	0.7
0513_03	125 ppb	Day : 3	12	23	200	0.6
0513_03	125 ppb	Day : 23	17	20	205	0.6
0514_03	125 ppb	Day : 3	13	21	152	0.7
0514_03	125 ppb	Day : 23	15	17	109	0.6
0515_03	125 ppb	Day : 3	9	23	180	0.6
0515_03	125 ppb	Day : 23	14	19	81	0.6
0516_03	125 ppb	Day : 3	17	22	288	0.6
0516_03	125 ppb	Day : 23	13	18	74	0.6
0517_03	125 ppb	Day : 3	9	21	310	0.6
0517_03	125 ppb	Day : 23	13	18	104	0.6
0518_03	125 ppb	Day : 3	13	24	196	0.5
0518_03	125 ppb	Day : 23	14	19	96	0.6
0519_03	125 ppb	Day : 3	12	21	148	0.6

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0519_03	125 ppb	Day : 3	12	21	148	0.6
0519_03	125 ppb	Day : 23	15	21	133	0.7
0520_03	125 ppb	Day : 3	15	21	479	0.5
0520_03	125 ppb	Day : 23	12	18	195	0.5
0701_03	250 ppb	Week : 13	13	24	137	0.6
0702_03	250 ppb	Week : 13	13	26	107	0.7
0703_03	250 ppb	Week : 13	14	24	52	0.6
0704_03	250 ppb	Week : 13	17	18	89	0.6
0705_03	250 ppb	Week : 13	16	21	141	0.6
0706_03	250 ppb	Week : 13	15	25	152	0.7
0708_03	250 ppb	Week : 13	15	21	174	0.7
0709_03	250 ppb	Week : 13	16	26	115	0.7
0710_03	250 ppb	Week : 13	20	19	57	0.7
0711_03	250 ppb	Day : 3	17	26	222	0.7
0711_03	250 ppb	Day : 23	12	26	112	0.6
0712_03	250 ppb	Day : 3	11	28	185	0.6
0712_03	250 ppb	Day : 23	14	22	100	0.6
0713_03	250 ppb	Day : 3	18	26	189	0.6
0713_03	250 ppb	Day : 23	14	21	82	0.5
0714_03	250 ppb	Day : 3	12	24	169	0.5
0714_03	250 ppb	Day : 23	18	19	67	0.5
0715_03	250 ppb	Day : 3	13	23	137	0.5

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
0715_03	250 ppb	Day : 23	15	19	129	0.6
0716_03	250 ppb	Day : 3	14	27	171	0.6
0716_03	250 ppb	Day : 23	23	19	1579*	0.6
0717_03	250 ppb	Day : 3	19	19	205	0.6
0717_03	250 ppb	Day : 23	16	21	113	0.5
0718_03	250 ppb	Day : 3	13	21	232	0.6
0718_03	250 ppb	Day : 23	12	20	111	0.6
0719_03	250 ppb	Day : 3	12	25	180	0.7
0719_03	250 ppb	Day : 23	13	24	83	0.6
0720_03	250 ppb	Day : 3	15	25	149	0.6
0720_03	250 ppb	Day : 23	12	17	97	0.5
0901_03	500 ppb	Week : 13	14	18	53	0.7
0902_03	500 ppb	Week : 13	11	18	94	0.7
0903_03	500 ppb	Week : 13	15	25	137	0.6
0904_03	500 ppb	Week : 13	22	24	113	0.7
0905_03	500 ppb	Week : 13	45	24	90	0.7
0906_03	500 ppb	Week : 13	45	25	107	0.8
0907_03	500 ppb	Week : 13	27	24	63	0.6
0908_03	500 ppb	Week : 13	17	21	155	0.7
0909_03	500 ppb	Week : 13	50	21	47	0.6
0910_03	500 ppb	Week : 13	14	29	187	0.7
0911_03	500 ppb	Day : 3	17	26	394	0.6

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L
0911_03	500 ppb	Day : 3	17	26	394	0.6
0911_03	500 ppb	Day : 23	17	22	117	0.6
0912_03	500 ppb	Day : 3	21	22	230	0.6
0912_03	500 ppb	Day : 23	16	19	115	0.6
0913_03	500 ppb	Day : 3	12	22	195	0.6
0913_03	500 ppb	Day : 23	14	19	181	0.6
0914_03	500 ppb	Day : 3	16	24	226	0.5
0914_03	500 ppb	Day : 23	18	22	98	0.6
0915_03	500 ppb	Day : 3	10	20	197	0.6
0915_03	500 ppb	Day : 23	16	19	84	0.5
0916_03	500 ppb	Day : 3	12	26	284	0.6
0916_03	500 ppb	Day : 23	14	18	83	0.6
0917_03	500 ppb	Day : 3	12	23	327	0.6
0917_03	500 ppb	Day : 23	16	23	224	0.5
0918_03	500 ppb	Day : 3	16	25	714	0.6
0918_03	500 ppb	Day : 23	16	22	94	0.5
0919_03	500 ppb	Day : 3	20	22	259	0.7
0919_03	500 ppb	Day : 23	21	21	149	0.6
0920_03	500 ppb	Day : 3	14	22	240	0.6
0920_03	500 ppb	Day : 23	17	19	244	0.5
1101_03	1000 ppb	Week : 13	25	25	124	0.8
1102_03	1000 ppb	Week : 13	12	24	88	0.7

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
1103_03	1000 ppb	Week : 13	15	24	70	0.6
1104_03	1000 ppb	Week : 13	20	20	74	0.7
1105_03	1000 ppb	Week : 13	12	23	84	0.6
1106_03	1000 ppb	Week : 13	23	24	72	0.7
1107_03	1000 ppb	Week : 13	15	25	120	0.7
1108_03	1000 ppb	Week : 13	11	26	135	0.7
1109_03	1000 ppb	Week : 13	19	22	164	0.6
1110_03	1000 ppb	Week : 13	6	12	148	0.6
1111_03	1000 ppb	Day : 3	14	18	264	0.5
1111_03	1000 ppb	Day : 23	18	22	658*	0.6
1112_03	1000 ppb	Day : 3	10	22	335	0.5
1112_03	1000 ppb	Day : 23	13	24	133	0.6
1113_03	1000 ppb	Day : 3	14	26	342	0.7
1113_03	1000 ppb	Day : 23	12	22	198	0.5
1114_03	1000 ppb	Day : 3		25	758	0.7
1114_03	1000 ppb	Day : 23	31	26	137	0.6
1115_03	1000 ppb	Day : 3	18	24	496	0.5
1115_03	1000 ppb	Day : 23	16	18	72	0.5
1116_03	1000 ppb	Day : 3	13	18	428	0.5
1116_03	1000 ppb	Day : 23	16	18	93	0.5
1117_03	1000 ppb	Day : 3	10	26	299	0.6
1117_03	1000 ppb	Day : 23	14	21	98	0.5

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	1000 ppb	Day : 23	14	21	98	0.5
1118_03	1000 ppb	Day : 3	13	21	546	0.5
1118_03	1000 ppb	Day : 23	11	19	95	0.5
1119_03	1000 ppb	Day : 3	12	23	379	0.5
1119_03	1000 ppb	Day : 23	13	19	121	0.6
1120_03	1000 ppb	Day : 3	18	21	351	0.5
1120_03	1000 ppb	Day : 23	12	18	255	0.5

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	0 ppb	Week : 13	3	6.7	18
0102_03	0 ppb	Week : 13	2.9	6.9	16
0103_03	0 ppb	Week : 13	2.8	6.6	15
0104_03	0 ppb	Week : 13	3	7	21
0105_03	0 ppb	Week : 13	3.3	7	15
0106_03	0 ppb	Week : 13	2.9	7.1	22
0107_03	0 ppb	Week : 13	2.9	7	13
0108_03	0 ppb	Week : 13	3	7.2	23
0109_03	0 ppb	Week : 13	3	6.8	13
0110_03	0 ppb	Week : 13	2.9	6.8	20
0111_03	0 ppb	Day : 3	2.2	6	21
0111_03	0 ppb	Day : 23	2.1	6	19
0112_03	0 ppb	Day : 3	2.1	5.9	19
0112_03	0 ppb	Day : 23	2.4	6.3	19
0113_03	0 ppb	Day : 3	2.2	6.1	19
0113_03	0 ppb	Day : 23	2.5	6.5	23
0114_03	0 ppb	Day : 3	2.1	5.7	17
0114_03	0 ppb	Day : 23	2.5	6.6	19
0115_03	0 ppb	Day : 3	2.3	5.8	18
0115_03	0 ppb	Day : 23	2.7	6.8	27
0116_03	0 ppb	Day : 3	2	5.6	12
0116_03	0 ppb	Day : 23	2.3	6.2	20

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	0 ppb	Day : 3	2	5.6	17
0117_03	0 ppb	Day : 23	2.3	6.3	22
0118_03	0 ppb	Day : 3	2.1	5.6	13
0118_03	0 ppb	Day : 23	2.4	6.3	23
0119_03	0 ppb	Day : 3	2	5.5	14
0119_03	0 ppb	Day : 23	2.2	6.2	22
0120_03	0 ppb	Day : 3	1.8	5.4	12
0120_03	0 ppb	Day : 23	2.4	6.4	23
0301_03	62.5 ppb	Week : 13	3.4	8	30
0302_03	62.5 ppb	Week : 13	2.6	6.4	14
0303_03	62.5 ppb	Week : 13	3.1	7	22
0304_03	62.5 ppb	Week : 13	3	7	26
0305_03	62.5 ppb	Week : 13	2.8	6.8	17
0306_03	62.5 ppb	Week : 13	2.6	6.5	22
0307_03	62.5 ppb	Week : 13	3	7.3	21
0308_03	62.5 ppb	Week : 13	3.4	7.4	29
0309_03	62.5 ppb	Week : 13	3	6.7	19
0310_03	62.5 ppb	Week : 13	3.2	7.3	14
0311_03	62.5 ppb	Day : 3	2.4	6.1	16
0311_03	62.5 ppb	Day : 23	2.2	6.1	23
0312_03	62.5 ppb	Day : 3	1.8	5.8	16
0312_03	62.5 ppb	Day : 23	2.6	6.8	20

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	62.5 ppb	Day : 3	2	5.7	18
0313_03	62.5 ppb	Day : 23	2.2	5.9	17
0314_03	62.5 ppb	Day : 3	2.1	5.8	15
0314_03	62.5 ppb	Day : 23	2.7	6.7	20
0315_03	62.5 ppb	Day : 3	2.4	5.9	15
0315_03	62.5 ppb	Day : 23	2.2	6	24
0316_03	62.5 ppb	Day : 3	2.4	6.3	16
0316_03	62.5 ppb	Day : 23	2.4	6.3	21
0317_03	62.5 ppb	Day : 3	2.1	6	18
0317_03	62.5 ppb	Day : 23	2.3	6.2	29
0318_03	62.5 ppb	Day : 3	2.3	6	15
0318_03	62.5 ppb	Day : 23	2.5	6.1	25
0319_03	62.5 ppb	Day : 3	2.3	6.2	15
0319_03	62.5 ppb	Day : 23	2.5	6.2	26
0320_03	62.5 ppb	Day : 3	2	5.5	14
0320_03	62.5 ppb	Day : 23	2.3	6.1	22
0501_03	125 ppb	Week : 13	3.2	7.2	23
0502_03	125 ppb	Week : 13	3.3	7	18
0503_03	125 ppb	Week : 13	2.9	6.6	16
0504_03	125 ppb	Week : 13	2.7	6.6	13
0505_03	125 ppb	Week : 13	3.1	7.2	19
0506_03	125 ppb	Week : 13	2.7	6.5	28

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	125 ppb	Week : 13	3	6.9	28
0508_03	125 ppb	Week : 13	3.1	7.6	21
0509_03	125 ppb	Week : 13	3	7.1	20
0510_03	125 ppb	Week : 13	3	7.1	19
0511_03	125 ppb	Day : 3	1.9	5.7	18
0511_03	125 ppb	Day : 23	2.2	6	16
0512_03	125 ppb	Day : 3	2	5.5	17
0512_03	125 ppb	Day : 23	2.5	6.3	19
0513_03	125 ppb	Day : 3	2.2	5.4	18
0513_03	125 ppb	Day : 23	2.4	6.4	20
0514_03	125 ppb	Day : 3	1.9	5.7	16
0514_03	125 ppb	Day : 23	2.4	6.3	14
0515_03	125 ppb	Day : 3	2.1	5.6	18
0515_03	125 ppb	Day : 23	2.4	6.4	17
0516_03	125 ppb	Day : 3	2	5.3	17
0516_03	125 ppb	Day : 23	2.5	6	19
0517_03	125 ppb	Day : 3	2.1	5.5	13
0517_03	125 ppb	Day : 23	2.5	6.4	23
0518_03	125 ppb	Day : 3	2.1	5.5	13
0518_03	125 ppb	Day : 23	2.5	6.2	19
0519_03	125 ppb	Day : 3	2	5.7	15
0519_03	125 ppb	Day : 23	2.7	6.7	27

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	125 ppb	Day : 3	2.1	5.7	13
0520_03	125 ppb	Day : 23	2.4	6	24
0701_03	250 ppb	Week : 13	2.6	6.6	22
0702_03	250 ppb	Week : 13	3.1	7.1	23
0703_03	250 ppb	Week : 13	3.6	7.3	15
0704_03	250 ppb	Week : 13	3	6.9	15
0705_03	250 ppb	Week : 13	2.7	6.7	21
0706_03	250 ppb	Week : 13	3.2	7.2	19
0708_03	250 ppb	Week : 13	3.4	7.3	16
0709_03	250 ppb	Week : 13	3.3	7.7	19
0710_03	250 ppb	Week : 13	2.6	6.7	16
0711_03	250 ppb	Day : 3	1.8	5.2	16
0711_03	250 ppb	Day : 23	2.4	6.3	19
0712_03	250 ppb	Day : 3	1.9	5.5	15
0712_03	250 ppb	Day : 23	2.1	6.1	21
0713_03	250 ppb	Day : 3	1.9	5.2	15
0713_03	250 ppb	Day : 23	2.6	6.3	20
0714_03	250 ppb	Day : 3	1.9	5.2	18
0714_03	250 ppb	Day : 23	2.6	6.3	14
0715_03	250 ppb	Day : 3	2.1	5.6	17
0715_03	250 ppb	Day : 23	2.4	6.4	18
0716_03	250 ppb	Day : 3	1.8	5.5	16

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	250 ppb	Day : 23	2.5	6.2	21
0717_03	250 ppb	Day : 3	2.2	5.6	14
0717_03	250 ppb	Day : 23	2.5	6.5	18
0718_03	250 ppb	Day : 3	1.8	5.2	13
0718_03	250 ppb	Day : 23	2.5	6.3	17
0719_03	250 ppb	Day : 3	1.9	5.3	15
0719_03	250 ppb	Day : 23	2.6	6.4	22
0720_03	250 ppb	Day : 3	2	5.3	13
0720_03	250 ppb	Day : 23	2.2	5.9	28
0901_03	500 ppb	Week : 13	2.9	6.9	13
0902_03	500 ppb	Week : 13	2.9	7	16
0903_03	500 ppb	Week : 13	3	7.3	18
0904_03	500 ppb	Week : 13	3.1	7.2	32
0905_03	500 ppb	Week : 13	3.1	7.2	18
0906_03	500 ppb	Week : 13	2.8	6.9	20
0907_03	500 ppb	Week : 13	3.1	6.9	27
0908_03	500 ppb	Week : 13	3.1	7	32
0909_03	500 ppb	Week : 13	3.1	7.2	17
0910_03	500 ppb	Week : 13	2.6	6.6	17
0911_03	500 ppb	Day : 3	2.1	5.4	10
0911_03	500 ppb	Day : 23	2.1	6	14
0912_03	500 ppb	Day : 3	1.8	5.4	15

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	500 ppb	Day : 23	2.4	6.3	26
0913_03	500 ppb	Day : 3	2.1	5.6	17
0913_03	500 ppb	Day : 23	2.4	6.2	21
0914_03	500 ppb	Day : 3	1.9	5.5	15
0914_03	500 ppb	Day : 23	2.5	6.5	22
0915_03	500 ppb	Day : 3	2	5.5	14
0915_03	500 ppb	Day : 23	2.4	6.2	19
0916_03	500 ppb	Day : 3	2.1	5.5	14
0916_03	500 ppb	Day : 23	2.1	5.9	20
0917_03	500 ppb	Day : 3	1.8	5.4	14
0917_03	500 ppb	Day : 23	2.3	6.4	22
0918_03	500 ppb	Day : 3	2.1	5.9	11
0918_03	500 ppb	Day : 23	2.4	6.4	18
0919_03	500 ppb	Day : 3	2.2	5.9	15
0919_03	500 ppb	Day : 23	2.3	6.4	22
0920_03	500 ppb	Day : 3	1.7	5.6	14
0920_03	500 ppb	Day : 23	2.3	6.4	18
1101_03	1000 ppb	Week : 13	2.9	6.7	18
1102_03	1000 ppb	Week : 13	2.6	6.6	15
1103_03	1000 ppb	Week : 13	2.7	6.7	19
1104_03	1000 ppb	Week : 13	2.9	6.8	17
1105_03	1000 ppb	Week : 13	2.8	7.1	18

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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
1106_03	1000 ppb	Week : 13	3.2	7	20
1107_03	1000 ppb	Week : 13	2.8	6.8	17
1108_03	1000 ppb	Week : 13	2.8	6.8	19
1109_03	1000 ppb	Week : 13	3	7.1	23
1110_03	1000 ppb	Week : 13	2.3	5.8	22
1111_03	1000 ppb	Day : 3	2.1	5.9	11
1111_03	1000 ppb	Day : 23	2.4	5.9	13
1112_03	1000 ppb	Day : 3	2.1	5.7	12
1112_03	1000 ppb	Day : 23	2.3	6.4	23
1113_03	1000 ppb	Day : 3	2.2	5.6	11
1113_03	1000 ppb	Day : 23	2.4	6.1	19
1114_03	1000 ppb	Day : 3	2.1	6.1	11
1114_03	1000 ppb	Day : 23	2	5.6	19
1115_03	1000 ppb	Day : 3	2.1	5.6	11
1115_03	1000 ppb	Day : 23	1.9	5.3	18
1116_03	1000 ppb	Day : 3	1.9	5.5	12
1116_03	1000 ppb	Day : 23	1.9	5.7	15
1117_03	1000 ppb	Day : 3	2.1	5.9	14
1117_03	1000 ppb	Day : 23	2	5.4	13
1118_03	1000 ppb	Day : 3	2.2	5.9	10
1118_03	1000 ppb	Day : 23	2	5.6	14
1119_03	1000 ppb	Day : 3	2.2	5.8	12

Experiment Number: 05184-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 12:29:38

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_03	1000 ppb	Day : 23	2.2	6	20
1120_03	1000 ppb	Day : 3	1.9	5.6	11
1120_03	1000 ppb	Day : 23	2.1	5.8	16

** END OF REPORT **