

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:47

First Dose M/F: NA / NA

Lab: NA

C Number: C99023

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

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Date Report Requested: 10/26/2014

Time Report Requested: 00:50:47

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0101_01	0 g/kg	Day : 93	4.2	284	49	33
0102_01	0 g/kg	Day : 93	4.3	230	235	58
0103_01	0 g/kg	Day : 93	4.3	221	72	20
0104_01	0 g/kg	Day : 93	4.5	277	62	25
0105_01	0 g/kg	Day : 93	4.3	243	88	34
0106_01	0 g/kg	Day : 93	4.3	247	53	15
0107_01	0 g/kg	Day : 93	4.3	264	72	17
0108_01	0 g/kg	Day : 93	4.2	253	60	25
0109_01	0 g/kg	Day : 93	4.2	236	97	26
0110_01	0 g/kg	Day : 93	4.3	327	70	28
0201_01	0.25 g/kg	Day : 93	4.6	251	69	22
0202_01	0.25 g/kg	Day : 93	4.6	247	68	34
0203_01	0.25 g/kg	Day : 93	4.5	251	57	31
0204_01	0.25 g/kg	Day : 93	4.4	250	70	35
0205_01	0.25 g/kg	Day : 93	4.5	229	44	27
0206_01	0.25 g/kg	Day : 93	4.5	236	61	17
0207_01	0.25 g/kg	Day : 93	4.5	240	51	18
0208_01	0.25 g/kg	Day : 93	4.4	227	82	20
0209_01	0.25 g/kg	Day : 93	4.3	233	143	40
0210_01	0.25 g/kg	Day : 93	4.6	236	65	28
0301_01	0.5 g/kg	Day : 93	4.5	217	56	29
0302_01	0.5 g/kg	Day : 93	4.5	253	61	32

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Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0304_01	0.5 g/kg	Day : 93	4.5	246	51	28
0305_01	0.5 g/kg	Day : 93	4.6	216	46	23
0306_01	0.5 g/kg	Day : 93	4.7	215	80	36
0307_01	0.5 g/kg	Day : 93	4.5	229	52	30
0308_01	0.5 g/kg	Day : 93	4.5	212	54	27
0309_01	0.5 g/kg	Day : 93	4.6	235	50	37
0310_01	0.5 g/kg	Day : 93	4.6	214	50	35
0401_01	1.0 g/kg	Day : 93	4.5	226	51	29
0402_01	1.0 g/kg	Day : 93	4.6	224	61	30
0404_01	1.0 g/kg	Day : 93	4.5	230	75	27
0405_01	1.0 g/kg	Day : 93	4.4	233	65	36
0406_01	1.0 g/kg	Day : 93	4.6	228	44	26
0407_01	1.0 g/kg	Day : 93	4.7	222	50	37
0408_01	1.0 g/kg	Day : 93	4.5	219	64	25
0409_01	1.0 g/kg	Day : 93	4.7	261	51	24
0410_01	1.0 g/kg	Day : 93	4.7	251	53	17
0501_01	2.0 g/kg	Day : 93	4.6	274	63	35
0502_01	2.0 g/kg	Day : 93	4.4	282	66	23
0503_01	2.0 g/kg	Day : 93	4.7	278	60	31
0504_01	2.0 g/kg	Day : 93	4.3	251	60	30
0505_01	2.0 g/kg	Day : 93	4.6	277	72	35
0506_01	2.0 g/kg	Day : 93	4.6	274	62	29

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Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0506_01	2.0 g/kg	Day : 93	4.6	274	62	29
0507_01	2.0 g/kg	Day : 93	4.7	267	52	27
0509_01	2.0 g/kg	Day : 93	4.6	282	103	37
1101_01	0 g/kg	Day : 23	4.4	682	60	24
1102_01	0 g/kg	Day : 23	4.1	518	49	19
1103_01	0 g/kg	Day : 23	4.0	615	49	21
1104_01	0 g/kg	Day : 23	4.2	533	119	27
1105_01	0 g/kg	Day : 23	4.2	680	53	39
1106_01	0 g/kg	Day : 23	4.2	611	60	26
1107_01	0 g/kg	Day : 23	4.2	558	63	25
1108_01	0 g/kg	Day : 23	4.1	670	49	25
1109_01	0 g/kg	Day : 23	4.2	617	55	19
1110_01	0 g/kg	Day : 23	4.3	581	69	22
1201_01	0.25 g/kg	Day : 23	4.3	579	53	27
1202_01	0.25 g/kg	Day : 23	4.5	594	47	29
1203_01	0.25 g/kg	Day : 23	4.3	692	54	21
1204_01	0.25 g/kg	Day : 23	4.4	637	61	20
1205_01	0.25 g/kg	Day : 23	4.4	568	58	35
1206_01	0.25 g/kg	Day : 23	4.2	666	102	35
1207_01	0.25 g/kg	Day : 23	4.4	544	66	29
1208_01	0.25 g/kg	Day : 23	4.3	603	51	23
1209_01	0.25 g/kg	Day : 23	4.3	605	50	20

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
1210_01	0.25 g/kg	Day : 23	4.3	563	46	31
1301_01	0.5 g/kg	Day : 23	4.2	581	44	21
1302_01	0.5 g/kg	Day : 23	4.1	566	55	29
1303_01	0.5 g/kg	Day : 23	4.4	650	56	32
1304_01	0.5 g/kg	Day : 23	4.4	530	49	21
1305_01	0.5 g/kg	Day : 23	4.6	575	51	27
1306_01	0.5 g/kg	Day : 23	4.3	646	55	20
1307_01	0.5 g/kg	Day : 23	4.2	563	62	33
1308_01	0.5 g/kg	Day : 23	4.2	613	54	47
1309_01	0.5 g/kg	Day : 23	4.4	498	52	29
1310_01	0.5 g/kg	Day : 23	4.1	550	99	40
1401_01	1.0 g/kg	Day : 23	4.3	613	50	45
1402_01	1.0 g/kg	Day : 23	4.0	601	52	35
1403_01	1.0 g/kg	Day : 23	4.7	469	65	30
1405_01	1.0 g/kg	Day : 23	4.3	503	56	40
1406_01	1.0 g/kg	Day : 23	4.6	573	46	29
1407_01	1.0 g/kg	Day : 23	4.3	559	55	29
1408_01	1.0 g/kg	Day : 23	4.4	534	48	21
1409_01	1.0 g/kg	Day : 23	4.3	544	50	33
1410_01	1.0 g/kg	Day : 23	4.7	557	67	29
1501_01	2.0 g/kg	Day : 23	4.4	572	64	39
1504_01	2.0 g/kg	Day : 23	4.4	564	65	31

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
1504_01	2.0 g/kg	Day : 23	4.4	564	65	31
1505_01	2.0 g/kg	Day : 23	4.5	594	51	31
1506_01	2.0 g/kg	Day : 23	4.4	513	59	41
1507_01	2.0 g/kg	Day : 23	4.4	589	69	48
1509_01	2.0 g/kg	Day : 23	4.7	488	78	32

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0101_01	0 g/kg	Day : 93	14	443	0.6	6.2
0102_01	0 g/kg	Day : 93	12	496	0.6	6.4
0103_01	0 g/kg	Day : 93	10	359	0.5	6.3
0104_01	0 g/kg	Day : 93	10	307	0.6	6.8
0105_01	0 g/kg	Day : 93	10	147	0.5	6.4
0106_01	0 g/kg	Day : 93	11	97	0.5	6.5
0107_01	0 g/kg	Day : 93	13	472	0.6	6.4
0108_01	0 g/kg	Day : 93	15	418	0.6	6.4
0109_01	0 g/kg	Day : 93	13	277	0.5	6.4
0110_01	0 g/kg	Day : 93	14	399	0.6	6.5
0201_01	0.25 g/kg	Day : 93	12	187	0.6	7.0
0202_01	0.25 g/kg	Day : 93	13	272	0.6	7.1
0203_01	0.25 g/kg	Day : 93	10	255	0.6	6.8
0204_01	0.25 g/kg	Day : 93	11	587	0.5	6.6
0205_01	0.25 g/kg	Day : 93	12	126	0.6	6.8
0206_01	0.25 g/kg	Day : 93	12	421	0.6	6.8
0207_01	0.25 g/kg	Day : 93	12	200	0.6	6.8
0208_01	0.25 g/kg	Day : 93	13	465	0.6	6.5
0209_01	0.25 g/kg	Day : 93	11	436	0.5	6.4
0210_01	0.25 g/kg	Day : 93	12	331	0.6	6.9
0301_01	0.5 g/kg	Day : 93	11	540	0.5	6.8
0302_01	0.5 g/kg	Day : 93	11	419	0.5	6.7

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0304_01	0.5 g/kg	Day : 93	11	226	0.5	6.7
0305_01	0.5 g/kg	Day : 93	12	230	0.5	6.9
0306_01	0.5 g/kg	Day : 93	13	193	0.5	7.2
0307_01	0.5 g/kg	Day : 93	13	353	0.5	6.7
0308_01	0.5 g/kg	Day : 93	9	341	0.5	6.6
0309_01	0.5 g/kg	Day : 93	12	203	0.5	7.0
0310_01	0.5 g/kg	Day : 93	11	202	0.5	6.8
0401_01	1.0 g/kg	Day : 93	12	255	0.5	6.6
0402_01	1.0 g/kg	Day : 93	9	212	0.5	6.8
0404_01	1.0 g/kg	Day : 93	10	321	0.5	6.7
0405_01	1.0 g/kg	Day : 93	11	287	0.5	6.6
0406_01	1.0 g/kg	Day : 93	9	504	0.5	6.8
0407_01	1.0 g/kg	Day : 93	8	273	0.5	6.9
0408_01	1.0 g/kg	Day : 93	8	357	0.4	6.5
0409_01	1.0 g/kg	Day : 93	9	297	0.4	7.1
0410_01	1.0 g/kg	Day : 93	11	292	0.4	6.9
0501_01	2.0 g/kg	Day : 93	10	116	0.4	6.6
0502_01	2.0 g/kg	Day : 93	12	270	0.4	6.3
0503_01	2.0 g/kg	Day : 93	11	697	0.4	6.6
0504_01	2.0 g/kg	Day : 93	7	252	0.4	6.6
0505_01	2.0 g/kg	Day : 93	12	799	0.4	6.5
0506_01	2.0 g/kg	Day : 93	12	1488	0.4	6.6

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Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0507_01	2.0 g/kg	Day : 93	12	275	0.4	6.7
0509_01	2.0 g/kg	Day : 93	11	344	0.4	6.6
1101_01	0 g/kg	Day : 23	15	242	0.5	6.7
1102_01	0 g/kg	Day : 23	10	151	0.4	6.1
1103_01	0 g/kg	Day : 23	12	163	0.4	6.0
1104_01	0 g/kg	Day : 23	11	147	0.4	6.4
1105_01	0 g/kg	Day : 23	11	179	0.5	6.3
1106_01	0 g/kg	Day : 23	13	561	0.5	6.2
1107_01	0 g/kg	Day : 23	12	335	0.5	6.3
1108_01	0 g/kg	Day : 23	13	242	0.4	6.0
1109_01	0 g/kg	Day : 23	11	237	0.4	6.4
1110_01	0 g/kg	Day : 23	12	180	0.4	6.3
1201_01	0.25 g/kg	Day : 23	11	151	0.5	6.7
1202_01	0.25 g/kg	Day : 23	9	150	0.5	6.8
1203_01	0.25 g/kg	Day : 23	12	266	0.4	6.4
1204_01	0.25 g/kg	Day : 23	11	297	0.5	6.4
1205_01	0.25 g/kg	Day : 23	10	334	0.5	6.5
1206_01	0.25 g/kg	Day : 23	12	227	0.5	6.2
1207_01	0.25 g/kg	Day : 23	14	147	0.5	6.8
1208_01	0.25 g/kg	Day : 23	15	309	0.5	6.6
1209_01	0.25 g/kg	Day : 23	13	213	0.5	6.5
1210_01	0.25 g/kg	Day : 23	13	304	0.5	6.6

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
1301_01	0.5 g/kg	Day : 23	11	337	0.5	6.4
1302_01	0.5 g/kg	Day : 23	8	152	0.5	6.1
1303_01	0.5 g/kg	Day : 23	11	345	0.5	6.5
1304_01	0.5 g/kg	Day : 23	10	224	0.5	6.8
1305_01	0.5 g/kg	Day : 23	12	248	0.5	7.0
1306_01	0.5 g/kg	Day : 23	13	182	0.4	6.4
1307_01	0.5 g/kg	Day : 23	9	235	0.4	6.4
1308_01	0.5 g/kg	Day : 23	11	181	0.4	6.2
1309_01	0.5 g/kg	Day : 23	10	183	0.5	6.7
1310_01	0.5 g/kg	Day : 23	9	311	0.5	6.1
1401_01	1.0 g/kg	Day : 23	8	151	0.5	6.3
1402_01	1.0 g/kg	Day : 23	10	363	0.5	6.0
1403_01	1.0 g/kg	Day : 23	12	263	0.5	7.1
1405_01	1.0 g/kg	Day : 23	11	143	0.5	6.3
1406_01	1.0 g/kg	Day : 23	9	248	0.4	6.9
1407_01	1.0 g/kg	Day : 23	8	271	0.5	6.5
1408_01	1.0 g/kg	Day : 23	11	197	0.5	6.7
1409_01	1.0 g/kg	Day : 23	9	124	0.5	6.4
1410_01	1.0 g/kg	Day : 23	10	242	0.5	7.2
1501_01	2.0 g/kg	Day : 23	12	253	0.5	6.7
1504_01	2.0 g/kg	Day : 23	15	172	0.5	6.5
1505_01	2.0 g/kg	Day : 23	12	267	0.5	6.8

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Species/Strain: Rat/Fischer 344

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
1506_01	2.0 g/kg	Day : 23	12	191	0.5	6.5
1507_01	2.0 g/kg	Day : 23	14	184	0.5	6.4
1509_01	2.0 g/kg	Day : 23	18	175	0.6	6.9

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0101_01	0 g/kg	Day : 93	18
0102_01	0 g/kg	Day : 93	199
0103_01	0 g/kg	Day : 93	29
0104_01	0 g/kg	Day : 93	29
0105_01	0 g/kg	Day : 93	50
0106_01	0 g/kg	Day : 93	18
0107_01	0 g/kg	Day : 93	33
0108_01	0 g/kg	Day : 93	22
0109_01	0 g/kg	Day : 93	60
0110_01	0 g/kg	Day : 93	35
0201_01	0.25 g/kg	Day : 93	43
0202_01	0.25 g/kg	Day : 93	48
0203_01	0.25 g/kg	Day : 93	29
0204_01	0.25 g/kg	Day : 93	45
0205_01	0.25 g/kg	Day : 93	21
0206_01	0.25 g/kg	Day : 93	26
0207_01	0.25 g/kg	Day : 93	23
0208_01	0.25 g/kg	Day : 93	42
0209_01	0.25 g/kg	Day : 93	144
0210_01	0.25 g/kg	Day : 93	38
0301_01	0.5 g/kg	Day : 93	18
0302_01	0.5 g/kg	Day : 93	28

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Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0304_01	0.5 g/kg	Day : 93	21
0305_01	0.5 g/kg	Day : 93	19
0306_01	0.5 g/kg	Day : 93	31
0307_01	0.5 g/kg	Day : 93	19
0308_01	0.5 g/kg	Day : 93	20
0309_01	0.5 g/kg	Day : 93	20
0310_01	0.5 g/kg	Day : 93	25
0401_01	1.0 g/kg	Day : 93	16
0402_01	1.0 g/kg	Day : 93	23
0404_01	1.0 g/kg	Day : 93	29
0405_01	1.0 g/kg	Day : 93	25
0406_01	1.0 g/kg	Day : 93	14
0407_01	1.0 g/kg	Day : 93	15
0408_01	1.0 g/kg	Day : 93	27
0409_01	1.0 g/kg	Day : 93	21
0410_01	1.0 g/kg	Day : 93	20
0501_01	2.0 g/kg	Day : 93	20
0502_01	2.0 g/kg	Day : 93	16
0503_01	2.0 g/kg	Day : 93	17
0504_01	2.0 g/kg	Day : 93	23
0505_01	2.0 g/kg	Day : 93	16
0506_01	2.0 g/kg	Day : 93	23

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0507_01	2.0 g/kg	Day : 93	18
0509_01	2.0 g/kg	Day : 93	37
1101_01	0 g/kg	Day : 23	24
1102_01	0 g/kg	Day : 23	20
1103_01	0 g/kg	Day : 23	19
1104_01	0 g/kg	Day : 23	105
1105_01	0 g/kg	Day : 23	21
1106_01	0 g/kg	Day : 23	38
1107_01	0 g/kg	Day : 23	24
1108_01	0 g/kg	Day : 23	15
1109_01	0 g/kg	Day : 23	18
1110_01	0 g/kg	Day : 23	49
1201_01	0.25 g/kg	Day : 23	22
1202_01	0.25 g/kg	Day : 23	23
1203_01	0.25 g/kg	Day : 23	20
1204_01	0.25 g/kg	Day : 23	24
1205_01	0.25 g/kg	Day : 23	28
1206_01	0.25 g/kg	Day : 23	92
1207_01	0.25 g/kg	Day : 23	34
1208_01	0.25 g/kg	Day : 23	19
1209_01	0.25 g/kg	Day : 23	21
1210_01	0.25 g/kg	Day : 23	24

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
1301_01	0.5 g/kg	Day : 23	17
1302_01	0.5 g/kg	Day : 23	24
1303_01	0.5 g/kg	Day : 23	27
1304_01	0.5 g/kg	Day : 23	21
1305_01	0.5 g/kg	Day : 23	20
1306_01	0.5 g/kg	Day : 23	32
1307_01	0.5 g/kg	Day : 23	39
1308_01	0.5 g/kg	Day : 23	19
1309_01	0.5 g/kg	Day : 23	26
1310_01	0.5 g/kg	Day : 23	85
1401_01	1.0 g/kg	Day : 23	17
1402_01	1.0 g/kg	Day : 23	16
1403_01	1.0 g/kg	Day : 23	29
1405_01	1.0 g/kg	Day : 23	16
1406_01	1.0 g/kg	Day : 23	15
1407_01	1.0 g/kg	Day : 23	20
1408_01	1.0 g/kg	Day : 23	15
1409_01	1.0 g/kg	Day : 23	15
1410_01	1.0 g/kg	Day : 23	21
1501_01	2.0 g/kg	Day : 23	21
1504_01	2.0 g/kg	Day : 23	14
1505_01	2.0 g/kg	Day : 23	14

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
1506_01	2.0 g/kg	Day : 23	13
1507_01	2.0 g/kg	Day : 23	13
1509_01	2.0 g/kg	Day : 23	12

Experiment Number: 99023-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0151_01	0 g/kg	Day : 93	4.6	191	47	17
0152_01	0 g/kg	Day : 93	4.5	240	46	33
0153_01	0 g/kg	Day : 93	4.5	238	58	43
0154_01	0 g/kg	Day : 93	4.5	245	47	31
0155_01	0 g/kg	Day : 93	4.8	227	91	34
0156_01	0 g/kg	Day : 93	4.4	194	45	12
0157_01	0 g/kg	Day : 93	4.5	264	52	34
0158_01	0 g/kg	Day : 93	4.2	275	80	20
0159_01	0 g/kg	Day : 93	4.5	254	62	13
0160_01	0 g/kg	Day : 93	4.5	205	50	18
0251_01	0.25 g/kg	Day : 93	4.6	218	41	15
0252_01	0.25 g/kg	Day : 93	4.6	203	49	13
0253_01	0.25 g/kg	Day : 93	4.5	233	64	49
0254_01	0.25 g/kg	Day : 93	4.4	172	44	10
0255_01	0.25 g/kg	Day : 93	4.7	231	48	33
0256_01	0.25 g/kg	Day : 93	4.5	169	35	19
0257_01	0.25 g/kg	Day : 93	4.4	233	52	22
0258_01	0.25 g/kg	Day : 93	4.7	190	40	16
0259_01	0.25 g/kg	Day : 93	4.4	182	68	34
0260_01	0.25 g/kg	Day : 93	4.3	202	45	22
0351_01	0.5 g/kg	Day : 93	4.3	208	40	23
0352_01	0.5 g/kg	Day : 93	4.4	242	59	20

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0353_01	0.5 g/kg	Day : 93	4.5	220	42	22
0354_01	0.5 g/kg	Day : 93	4.4	197	43	22
0355_01	0.5 g/kg	Day : 93	4.6	232	40	17
0356_01	0.5 g/kg	Day : 93	4.5	243	43	19
0357_01	0.5 g/kg	Day : 93	4.3	215	46	18
0358_01	0.5 g/kg	Day : 93	4.5	216	52	12
0359_01	0.5 g/kg	Day : 93	4.4	237	45	16
0360_01	0.5 g/kg	Day : 93	4.5	200	50	24
0451_01	1.0 g/kg	Day : 93	4.5	207	49	22
0452_01	1.0 g/kg	Day : 93	4.4	213	48	23
0453_01	1.0 g/kg	Day : 93	4.5	215	47	18
0454_01	1.0 g/kg	Day : 93	4.6	194	40	24
0455_01	1.0 g/kg	Day : 93	4.4	189	49	27
0457_01	1.0 g/kg	Day : 93	4.7	224	44	20
0458_01	1.0 g/kg	Day : 93	5.0	235	47	16
0459_01	1.0 g/kg	Day : 93	4.5	225	81	22
0460_01	1.0 g/kg	Day : 93	4.5	180	39	24
0551_01	2.0 g/kg	Day : 93	5.0	201	48	18
0552_01	2.0 g/kg	Day : 93	4.7	202	49	31
0553_01	2.0 g/kg	Day : 93	4.7	221	50	19
0555_01	2.0 g/kg	Day : 93	4.9	252	121	34
0556_01	2.0 g/kg	Day : 93	4.5	276	39	21

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
0556_01	2.0 g/kg	Day : 93	4.5	276	39	21
0559_01	2.0 g/kg	Day : 93	4.4	245	51	21
1151_01	0 g/kg	Day : 23	4.4	521	44	17
1152_01	0 g/kg	Day : 23	4.5	441	40	15
1153_01	0 g/kg	Day : 23	4.4	461	40	14
1154_01	0 g/kg	Day : 23	4.2	506	45	29
1155_01	0 g/kg	Day : 23	4.4	374	39	17
1156_01	0 g/kg	Day : 23	4.2	407	39	28
1157_01	0 g/kg	Day : 23	4.4	447	50	47
1158_01	0 g/kg	Day : 23	4.3	367	37	14
1159_01	0 g/kg	Day : 23	4.2	487	48	40
1160_01	0 g/kg	Day : 23	4.5	373	45	15
1251_01	0.25 g/kg	Day : 23	4.4	434	50	23
1252_01	0.25 g/kg	Day : 23	4.5	452	43	20
1253_01	0.25 g/kg	Day : 23	4.7	418	42	25
1254_01	0.25 g/kg	Day : 23	4.4	454	47	28
1255_01	0.25 g/kg	Day : 23	4.3	425	38	19
1256_01	0.25 g/kg	Day : 23	4.4	373	41	18
1257_01	0.25 g/kg	Day : 23	4.3	484	45	24
1258_01	0.25 g/kg	Day : 23	4.3	453	51	21
1259_01	0.25 g/kg	Day : 23	4.4	453	35	24
1260_01	0.25 g/kg	Day : 23	4.3	367	39	21

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
1351_01	0.5 g/kg	Day : 23	4.4	435	41	17
1352_01	0.5 g/kg	Day : 23	4.3	387	42	26
1353_01	0.5 g/kg	Day : 23	4.3	384	56	16
1354_01	0.5 g/kg	Day : 23	4.4	492	58	23
1355_01	0.5 g/kg	Day : 23	4.4	480	51	34
1356_01	0.5 g/kg	Day : 23	4.3	396	54	22
1357_01	0.5 g/kg	Day : 23	4.4	400	41	37
1358_01	0.5 g/kg	Day : 23	4.1	362	41	14
1359_01	0.5 g/kg	Day : 23	4.5	453	42	16
1360_01	0.5 g/kg	Day : 23	4.2	335	42	28
1451_01	1.0 g/kg	Day : 23	4.4	385	51	24
1452_01	1.0 g/kg	Day : 23	4.5	499	86	53
1453_01	1.0 g/kg	Day : 23	4.4	448	53	19
1454_01	1.0 g/kg	Day : 23	4.1	360	38	17
1455_01	1.0 g/kg	Day : 23	4.6	414	71	24
1456_01	1.0 g/kg	Day : 23	4.3	471	56	20
1457_01	1.0 g/kg	Day : 23	4.2	441	47	32
1458_01	1.0 g/kg	Day : 23	4.1	467	56	36
1459_01	1.0 g/kg	Day : 23	4.3	381	36	26
1553_01	2.0 g/kg	Day : 23	4.4	465	59	28
1554_01	2.0 g/kg	Day : 23	4.4	401	69	30
1556_01	2.0 g/kg	Day : 23	4.2	497	111	50

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Albumin g per dL	ALP IU per L	ALT IU per L	Bile Acids Per G Tissue umol per g
1556_01	2.0 g/kg	Day : 23	4.2	497	111	50
1557_01	2.0 g/kg	Day : 23	4.3	456	70	34
1559_01	2.0 g/kg	Day : 23	4.2	520	66	30
1560_01	2.0 g/kg	Day : 23	4.4	315	46	31

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0151_01	0 g/kg	Day : 93	12	179	0.6	6.5
0152_01	0 g/kg	Day : 93	11	388	0.6	6.3
0153_01	0 g/kg	Day : 93	11	594	0.6	6.3
0154_01	0 g/kg	Day : 93	11	317	0.6	6.4
0155_01	0 g/kg	Day : 93	12	571	0.6	6.9
0156_01	0 g/kg	Day : 93	10	105	0.5	6.2
0157_01	0 g/kg	Day : 93	11	508	0.5	6.4
0158_01	0 g/kg	Day : 93	10	352	0.6	5.8
0159_01	0 g/kg	Day : 93	10	223	0.5	6.3
0160_01	0 g/kg	Day : 93	11	179	0.6	6.2
0251_01	0.25 g/kg	Day : 93	9	75	0.5	6.4
0252_01	0.25 g/kg	Day : 93	9	351	0.5	6.5
0253_01	0.25 g/kg	Day : 93	13	551	0.6	6.4
0254_01	0.25 g/kg	Day : 93	9	165	0.4	6.3
0255_01	0.25 g/kg	Day : 93	10	753	0.5	6.6
0256_01	0.25 g/kg	Day : 93	12	332	0.5	6.3
0257_01	0.25 g/kg	Day : 93	11	185	0.5	6.3
0258_01	0.25 g/kg	Day : 93	10	72	0.5	6.7
0259_01	0.25 g/kg	Day : 93	10	269	0.5	6.1
0260_01	0.25 g/kg	Day : 93	10	172	0.5	6.1
0351_01	0.5 g/kg	Day : 93	10	398	0.5	6.0
0352_01	0.5 g/kg	Day : 93	12	180	0.5	6.2

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0353_01	0.5 g/kg	Day : 93	8	417	0.5	6.3
0354_01	0.5 g/kg	Day : 93	8	317	0.5	6.1
0355_01	0.5 g/kg	Day : 93	9	209	0.4	6.6
0356_01	0.5 g/kg	Day : 93	10	244	0.5	6.4
0357_01	0.5 g/kg	Day : 93	9	540	0.5	6.1
0358_01	0.5 g/kg	Day : 93	9	234	0.5	6.3
0359_01	0.5 g/kg	Day : 93	10	489	0.5	6.1
0360_01	0.5 g/kg	Day : 93	10	349	0.4	6.4
0451_01	1.0 g/kg	Day : 93	8	196	0.4	6.2
0452_01	1.0 g/kg	Day : 93	9	207	0.5	6.1
0453_01	1.0 g/kg	Day : 93	9	127	0.5	6.4
0454_01	1.0 g/kg	Day : 93	8	387	0.5	6.4
0455_01	1.0 g/kg	Day : 93	8	327	0.5	6.0
0457_01	1.0 g/kg	Day : 93	7	219	0.5	6.6
0458_01	1.0 g/kg	Day : 93	7	147	0.5	7.1
0459_01	1.0 g/kg	Day : 93	13	326	0.5	6.3
0460_01	1.0 g/kg	Day : 93	9	609	0.5	6.3
0551_01	2.0 g/kg	Day : 93	9	498	0.4	7.0
0552_01	2.0 g/kg	Day : 93	10	329	0.4	6.6
0553_01	2.0 g/kg	Day : 93	7	132	0.4	6.5
0555_01	2.0 g/kg	Day : 93	7	217	0.5	6.8
0556_01	2.0 g/kg	Day : 93	10	612	0.5	6.4

Experiment Number: 99023-01

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
0559_01	2.0 g/kg	Day : 93	10	508	0.4	6.1
1151_01	0 g/kg	Day : 23	12	186	0.4	6.4
1152_01	0 g/kg	Day : 23	14	287	0.5	6.5
1153_01	0 g/kg	Day : 23	12	163	0.5	6.4
1154_01	0 g/kg	Day : 23	15	415	0.5	6.3
1155_01	0 g/kg	Day : 23	14	260	0.5	6.4
1156_01	0 g/kg	Day : 23	10	162	0.5	6.2
1157_01	0 g/kg	Day : 23	13	168	0.5	6.5
1158_01	0 g/kg	Day : 23	12	702	0.5	6.1
1159_01	0 g/kg	Day : 23	14	153	0.5	6.1
1160_01	0 g/kg	Day : 23	14	329	0.5	6.5
1251_01	0.25 g/kg	Day : 23	15	189	0.4	6.6
1252_01	0.25 g/kg	Day : 23	12	215	0.5	6.7
1253_01	0.25 g/kg	Day : 23	14	211	0.5	6.9
1254_01	0.25 g/kg	Day : 23	11	147	0.5	6.6
1255_01	0.25 g/kg	Day : 23	12	263	0.4	6.3
1256_01	0.25 g/kg	Day : 23	15	568	0.5	6.5
1257_01	0.25 g/kg	Day : 23	12	148	0.5	6.4
1258_01	0.25 g/kg	Day : 23	17	414	0.5	6.2
1259_01	0.25 g/kg	Day : 23	11	245	0.5	6.5
1260_01	0.25 g/kg	Day : 23	13	335	0.5	6.3
1351_01	0.5 g/kg	Day : 23	9	169	0.5	6.4

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
1352_01	0.5 g/kg	Day : 23	12	274	0.5	6.1
1353_01	0.5 g/kg	Day : 23	8	244	0.5	6.3
1354_01	0.5 g/kg	Day : 23	11	228	0.5	6.4
1355_01	0.5 g/kg	Day : 23	10	884	0.5	6.4
1356_01	0.5 g/kg	Day : 23	12	241	0.4	6.2
1357_01	0.5 g/kg	Day : 23	10	97	0.4	6.5
1358_01	0.5 g/kg	Day : 23	10	340	0.5	5.8
1359_01	0.5 g/kg	Day : 23	12	248	0.5	6.6
1360_01	0.5 g/kg	Day : 23	9	487	0.5	6.1
1451_01	1.0 g/kg	Day : 23	9	267	0.5	6.3
1452_01	1.0 g/kg	Day : 23	11	180	0.5	6.6
1453_01	1.0 g/kg	Day : 23	8	134	0.4	6.3
1454_01	1.0 g/kg	Day : 23	11	440	0.5	6.1
1455_01	1.0 g/kg	Day : 23	8	220	0.5	6.6
1456_01	1.0 g/kg	Day : 23	9	130	0.5	6.2
1457_01	1.0 g/kg	Day : 23	10	307	0.5	6.1
1458_01	1.0 g/kg	Day : 23	8	352	0.5	6.0
1459_01	1.0 g/kg	Day : 23	9	141	0.4	6.2
1553_01	2.0 g/kg	Day : 23	12	318	0.5	6.3
1554_01	2.0 g/kg	Day : 23	11	253	0.5	6.4
1556_01	2.0 g/kg	Day : 23	9	282	0.5	6.0
1557_01	2.0 g/kg	Day : 23	11	593	0.5	6.0

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatine Kinase IU per L	Creatinine U per L	Protein Total g per dL
1559_01	2.0 g/kg	Day : 23	9	168	0.5	6.0
1560_01	2.0 g/kg	Day : 23	9	155	0.4	6.5

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0151_01	0 g/kg	Day : 93	20
0152_01	0 g/kg	Day : 93	19
0153_01	0 g/kg	Day : 93	19
0154_01	0 g/kg	Day : 93	16
0155_01	0 g/kg	Day : 93	28
0156_01	0 g/kg	Day : 93	11
0157_01	0 g/kg	Day : 93	19
0158_01	0 g/kg	Day : 93	69
0159_01	0 g/kg	Day : 93	27
0160_01	0 g/kg	Day : 93	19
0251_01	0.25 g/kg	Day : 93	16
0252_01	0.25 g/kg	Day : 93	25
0253_01	0.25 g/kg	Day : 93	31
0254_01	0.25 g/kg	Day : 93	15
0255_01	0.25 g/kg	Day : 93	26
0256_01	0.25 g/kg	Day : 93	18
0257_01	0.25 g/kg	Day : 93	17
0258_01	0.25 g/kg	Day : 93	13
0259_01	0.25 g/kg	Day : 93	46
0260_01	0.25 g/kg	Day : 93	23
0351_01	0.5 g/kg	Day : 93	20
0352_01	0.5 g/kg	Day : 93	22

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0353_01	0.5 g/kg	Day : 93	24
0354_01	0.5 g/kg	Day : 93	13
0355_01	0.5 g/kg	Day : 93	19
0356_01	0.5 g/kg	Day : 93	14
0357_01	0.5 g/kg	Day : 93	16
0358_01	0.5 g/kg	Day : 93	17
0359_01	0.5 g/kg	Day : 93	14
0360_01	0.5 g/kg	Day : 93	27
0451_01	1.0 g/kg	Day : 93	15
0452_01	1.0 g/kg	Day : 93	19
0453_01	1.0 g/kg	Day : 93	21
0454_01	1.0 g/kg	Day : 93	17
0455_01	1.0 g/kg	Day : 93	15
0457_01	1.0 g/kg	Day : 93	17
0458_01	1.0 g/kg	Day : 93	21
0459_01	1.0 g/kg	Day : 93	39
0460_01	1.0 g/kg	Day : 93	11
0551_01	2.0 g/kg	Day : 93	17
0552_01	2.0 g/kg	Day : 93	18
0553_01	2.0 g/kg	Day : 93	20
0555_01	2.0 g/kg	Day : 93	69
0556_01	2.0 g/kg	Day : 93	15

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0559_01	2.0 g/kg	Day : 93	15
1151_01	0 g/kg	Day : 23	18
1152_01	0 g/kg	Day : 23	20
1153_01	0 g/kg	Day : 23	18
1154_01	0 g/kg	Day : 23	19
1155_01	0 g/kg	Day : 23	22
1156_01	0 g/kg	Day : 23	17
1157_01	0 g/kg	Day : 23	21
1158_01	0 g/kg	Day : 23	17
1159_01	0 g/kg	Day : 23	15
1160_01	0 g/kg	Day : 23	34
1251_01	0.25 g/kg	Day : 23	27
1252_01	0.25 g/kg	Day : 23	18
1253_01	0.25 g/kg	Day : 23	27
1254_01	0.25 g/kg	Day : 23	15
1255_01	0.25 g/kg	Day : 23	20
1256_01	0.25 g/kg	Day : 23	21
1257_01	0.25 g/kg	Day : 23	22
1258_01	0.25 g/kg	Day : 23	26
1259_01	0.25 g/kg	Day : 23	17
1260_01	0.25 g/kg	Day : 23	25
1351_01	0.5 g/kg	Day : 23	15

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
1352_01	0.5 g/kg	Day : 23	19
1353_01	0.5 g/kg	Day : 23	33
1354_01	0.5 g/kg	Day : 23	39
1355_01	0.5 g/kg	Day : 23	21
1356_01	0.5 g/kg	Day : 23	26
1357_01	0.5 g/kg	Day : 23	17
1358_01	0.5 g/kg	Day : 23	17
1359_01	0.5 g/kg	Day : 23	18
1360_01	0.5 g/kg	Day : 23	17
1451_01	1.0 g/kg	Day : 23	22
1452_01	1.0 g/kg	Day : 23	58
1453_01	1.0 g/kg	Day : 23	27
1454_01	1.0 g/kg	Day : 23	18
1455_01	1.0 g/kg	Day : 23	39
1456_01	1.0 g/kg	Day : 23	17
1457_01	1.0 g/kg	Day : 23	20
1458_01	1.0 g/kg	Day : 23	19
1459_01	1.0 g/kg	Day : 23	14
1553_01	2.0 g/kg	Day : 23	24
1554_01	2.0 g/kg	Day : 23	14
1556_01	2.0 g/kg	Day : 23	43
1557_01	2.0 g/kg	Day : 23	18

Experiment Number: 99023-01

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 00:50:48

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
1559_01	2.0 g/kg	Day : 23	16
1560_01	2.0 g/kg	Day : 23	16

** END OF REPORT **