

Experiment Number: 99020-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/25/2014

Time Report Requested: 23:56:32

First Dose M/F: NA / NA

Lab: NA

C Number: C99020

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 99020-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/25/2014

Time Report Requested: 23:56:32

First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L
0001_03	0 mg/kg	Day : 94	41	4.2	228	48
0002_03	0 mg/kg	Day : 94	40	4.3	283	51
0003_03	0 mg/kg	Day : 94	42	4.3	280	40
0004_03	0 mg/kg	Day : 94	42	4.2	226	39
0005_03	0 mg/kg	Day : 94	45	4.3	249	52
0006_03	0 mg/kg	Day : 94	46	4.3	252	49
0007_03	0 mg/kg	Day : 94	43	4.4	233	49
0008_03	0 mg/kg	Day : 94	43	4.3	261	41
0009_03	0 mg/kg	Day : 94	34	4.1	248	40
0010_03	0 mg/kg	Day : 94	32	4.0	239	42
0011_03	9.375 mg/kg	Day : 94	42	4.3	280	46
0012_03	9.375 mg/kg	Day : 94	47	4.4	244	40
0013_03	9.375 mg/kg	Day : 94	44	4.4	272	42
0014_03	9.375 mg/kg	Day : 94	44	4.4	240	38
0015_03	9.375 mg/kg	Day : 94	41	4.3	231	40
0016_03	9.375 mg/kg	Day : 94	44	4.4	271	44
0017_03	9.375 mg/kg	Day : 94	47	4.3	266	45
0018_03	9.375 mg/kg	Day : 94	49	4.2	263	54
0019_03	9.375 mg/kg	Day : 94	49	4.4	271	57
0020_03	9.375 mg/kg	Day : 94	48	4.3	260	45
0021_03	18.75 mg/kg	Day : 94	35	4.1	269	35
0022_03	18.75 mg/kg	Day : 94	41	4.3	253	34

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L
0023_03	18.75 mg/kg	Day : 94	37	4.4	250	39
0024_03	18.75 mg/kg	Day : 94	37	4.2	248	38
0025_03	18.75 mg/kg	Day : 94	36	4.3	253	34
0026_03	18.75 mg/kg	Day : 94	40	4.2	253	39
0027_03	18.75 mg/kg	Day : 94	36	4.2	282	44
0028_03	18.75 mg/kg	Day : 94	46	4.3	302	41
0029_03	18.75 mg/kg	Day : 94	44	4.4	279	41
0030_03	18.75 mg/kg	Day : 94	49	4.3	243	35
0031_03	37.5 mg/kg	Day : 94	38	4.4	255	36
0032_03	37.5 mg/kg	Day : 94	35	4.2	325	43
0033_03	37.5 mg/kg	Day : 94	39	4.4	275	38
0034_03	37.5 mg/kg	Day : 94	39	4.3	281	37
0035_03	37.5 mg/kg	Day : 94	36	4.3	302	39
0036_03	37.5 mg/kg	Day : 94	41	4.4	293	31
0037_03	37.5 mg/kg	Day : 94	37	4.3	314	41
0038_03	37.5 mg/kg	Day : 94	39	4.2	283	46
0039_03	37.5 mg/kg	Day : 94	36	4.1	298	42
0040_03	37.5 mg/kg	Day : 94	37	4.4	321	43
0041_03	75 mg/kg	Day : 94	32	4.8	355	40
0042_03	75 mg/kg	Day : 94	33	4.7	368	38
0043_03	75 mg/kg	Day : 94	29	4.6	372	44
0044_03	75 mg/kg	Day : 94	31	4.8	364	43

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L
0044_03	75 mg/kg	Day : 94	31	4.8	364	43
0045_03	75 mg/kg	Day : 94	31	4.7	373	42
0046_03	75 mg/kg	Day : 94	31	4.7	330	47
0047_03	75 mg/kg	Day : 94	32	4.6	324	49
0048_03	75 mg/kg	Day : 94	31	4.7	335	44
0049_03	75 mg/kg	Day : 94	30	4.4	340	42
0050_03	75 mg/kg	Day : 94	32	4.8	342	44
0051_03	150 mg/kg	Day : 94	36	4.4	556	59
0052_03	150 mg/kg	Day : 94	38	4.0	612	68
0053_03	150 mg/kg	Day : 94	35	4.4	516	78
0054_03	150 mg/kg	Day : 94	37	4.0	472	74
0055_03	150 mg/kg	Day : 94	36	4.0	600	74
0056_03	150 mg/kg	Day : 94	33	4.1	490	58
0057_03	150 mg/kg	Day : 94	40	4.1	575	57
0058_03	150 mg/kg	Day : 94	35	4.1	524	54
0059_03	150 mg/kg	Day : 94	35	4.1	567	56
0060_03	150 mg/kg	Day : 94	34	4.4	515	56

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L
0001_03	0 mg/kg	Day : 94	14	13	0.6	170
0002_03	0 mg/kg	Day : 94	30	11	0.6	204
0003_03	0 mg/kg	Day : 94	25	13	0.7	185
0004_03	0 mg/kg	Day : 94	38	13	0.6	313
0005_03	0 mg/kg	Day : 94	31	13	0.6	276
0006_03	0 mg/kg	Day : 94	19	14	0.6	101
0007_03	0 mg/kg	Day : 94	31	11	0.7	268
0008_03	0 mg/kg	Day : 94	24	13	0.6	290
0009_03	0 mg/kg	Day : 94	28	9	0.6	109
0010_03	0 mg/kg	Day : 94	29	9	0.5	172
0011_03	9.375 mg/kg	Day : 94	36	15	0.6	194
0012_03	9.375 mg/kg	Day : 94	25	12	0.6	159
0013_03	9.375 mg/kg	Day : 94	29	14	0.6	93
0014_03	9.375 mg/kg	Day : 94	23	13	0.6	186
0015_03	9.375 mg/kg	Day : 94	26	17	0.6	116
0016_03	9.375 mg/kg	Day : 94	38	16	0.5	263
0017_03	9.375 mg/kg	Day : 94	35	15	0.6	106
0018_03	9.375 mg/kg	Day : 94	18	16	0.6	171
0019_03	9.375 mg/kg	Day : 94	42	17	0.7	494
0020_03	9.375 mg/kg	Day : 94	19	15	0.6	86
0021_03	18.75 mg/kg	Day : 94	41	10	0.6	97
0022_03	18.75 mg/kg	Day : 94	20	13	0.6	177

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L
0023_03	18.75 mg/kg	Day : 94	37	11	0.7	168
0024_03	18.75 mg/kg	Day : 94	27	15	0.7	181
0025_03	18.75 mg/kg	Day : 94	21	10	0.7	77
0026_03	18.75 mg/kg	Day : 94	38	12	0.6	85
0027_03	18.75 mg/kg	Day : 94	22	12	0.6	401
0028_03	18.75 mg/kg	Day : 94	21	11	0.6	86
0029_03	18.75 mg/kg	Day : 94	23	12	0.6	151
0030_03	18.75 mg/kg	Day : 94	20	15	0.6	88
0031_03	37.5 mg/kg	Day : 94	60	12	0.6	241
0032_03	37.5 mg/kg	Day : 94	35	14	0.5	317
0033_03	37.5 mg/kg	Day : 94	40	12	0.6	291
0034_03	37.5 mg/kg	Day : 94	36	12	0.7	80
0035_03	37.5 mg/kg	Day : 94	31	12	0.6	95
0036_03	37.5 mg/kg	Day : 94	26	11	0.6	166
0037_03	37.5 mg/kg	Day : 94	46	12	0.6	480
0038_03	37.5 mg/kg	Day : 94	37	12	0.7	257
0039_03	37.5 mg/kg	Day : 94	29	13	0.7	400
0040_03	37.5 mg/kg	Day : 94	27	13	0.6	479
0041_03	75 mg/kg	Day : 94	51	12	0.6	124
0042_03	75 mg/kg	Day : 94	57	16	0.7	154
0043_03	75 mg/kg	Day : 94	52	11	0.5	565
0044_03	75 mg/kg	Day : 94	78	13	0.6	205

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L
0044_03	75 mg/kg	Day : 94	78	13	0.6	205
0045_03	75 mg/kg	Day : 94	76	13	0.6	389
0046_03	75 mg/kg	Day : 94	35	12	0.5	265
0047_03	75 mg/kg	Day : 94	39	15	0.6	346
0048_03	75 mg/kg	Day : 94	51	13	0.6	78
0049_03	75 mg/kg	Day : 94	55	12	0.6	512
0050_03	75 mg/kg	Day : 94	42	13	0.6	230
0051_03	150 mg/kg	Day : 94	135	16	0.6	204
0052_03	150 mg/kg	Day : 94	125	19	0.6	1212
0053_03	150 mg/kg	Day : 94	62	16	0.6	96
0054_03	150 mg/kg	Day : 94	163	19	0.5	444
0055_03	150 mg/kg	Day : 94	304	16	0.6	299
0056_03	150 mg/kg	Day : 94	177	17	0.6	113
0057_03	150 mg/kg	Day : 94	162	17	0.5	90
0058_03	150 mg/kg	Day : 94	206	15	0.5	1065
0059_03	150 mg/kg	Day : 94	175	14	0.5	109
0060_03	150 mg/kg	Day : 94	165	21	0.5	69

MALE

Animal No.	Dose	Time In Study	GGT U PER L	Glutathione Oxidized Per G Tissue umol per g	Glutathione Reduced Per G Tissue umol per g	Protein Total g per dL
0001_03	0 mg/kg	Day : 94	0	1.79,2.13	3.81	6.6
0002_03	0 mg/kg	Day : 94	0	1.92,2.35	4.51	6.8
0003_03	0 mg/kg	Day : 94	0	2.45,1.39	3.41	6.7
0004_03	0 mg/kg	Day : 94	0	1.72,2.22	3.81	6.4
0005_03	0 mg/kg	Day : 94	0	1.58,2.46	3.89	6.9
0006_03	0 mg/kg	Day : 94	0	2.21	4.88	6.7
0007_03	0 mg/kg	Day : 94	0	1.48,2.09	3.10	6.8
0008_03	0 mg/kg	Day : 94	0	1.97,2.15	4.24	6.6
0009_03	0 mg/kg	Day : 94	0	1.71,1.60	2.74	6.5
0010_03	0 mg/kg	Day : 94	0	1.04,3.61	3.77	6.2
0011_03	9.375 mg/kg	Day : 94	1	1.32,2.91	3.85	6.7
0012_03	9.375 mg/kg	Day : 94	0	2.69,1.59	4.28	6.7
0013_03	9.375 mg/kg	Day : 94	0	2.39,2.02	4.83	6.8
0014_03	9.375 mg/kg	Day : 94	0	1.91,2.43	4.65	6.8
0015_03	9.375 mg/kg	Day : 94	0	2.26,2.46	5.56	6.7
0016_03	9.375 mg/kg	Day : 94	0	2.33,1.91	4.45	6.7
0017_03	9.375 mg/kg	Day : 94	0	2.02,2.07	4.18	7.0
0018_03	9.375 mg/kg	Day : 94	0	1.43,3.21	4.59	6.7
0019_03	9.375 mg/kg	Day : 94	0	0.93,4.80	4.46	7.1
0020_03	9.375 mg/kg	Day : 94	0	2.14,1.77	3.79	6.7
0021_03	18.75 mg/kg	Day : 94	0	2.11,1.90	4.00	6.4

MALE

Animal No.	Dose	Time In Study	GGT U PER L	Glutathione Oxidized Per G Tissue umol per g	Glutathione Reduced Per G Tissue umol per g	Protein Total g per dL
0022_03	18.75 mg/kg	Day : 94	2	3.21,1.26	4.05	6.4
0023_03	18.75 mg/kg	Day : 94	0	1.46,2.15	3.13	6.7
0024_03	18.75 mg/kg	Day : 94	0	3.09,1.35	4.17	6.6
0025_03	18.75 mg/kg	Day : 94	0	1.52,2.67	4.07	6.6
0026_03	18.75 mg/kg	Day : 94	0	1.88	3.54	6.3
0027_03	18.75 mg/kg	Day : 94	0	2.51,1.69	4.24	6.3
0028_03	18.75 mg/kg	Day : 94	0	2.03,1.86	3.78	6.6
0029_03	18.75 mg/kg	Day : 94	0	2.13,2.14	4.56	6.6
0030_03	18.75 mg/kg	Day : 94	0	1.06,4.58	4.87	6.5
0031_03	37.5 mg/kg	Day : 94	0	2.63,1.75	4.61	6.9
0032_03	37.5 mg/kg	Day : 94	2	2.18,1.89	4.11	6.3
0033_03	37.5 mg/kg	Day : 94	0	1.71,1.86	3.18	6.8
0034_03	37.5 mg/kg	Day : 94	0	1.75,1.78	3.12	6.6
0035_03	37.5 mg/kg	Day : 94	0	1.62,3.40	5.50	6.6
0036_03	37.5 mg/kg	Day : 94	0	2.04,1.83	3.73	6.7
0037_03	37.5 mg/kg	Day : 94	0	1.87,1.74	3.26	6.5
0038_03	37.5 mg/kg	Day : 94	0	1.68,2.39	4.01	6.4
0039_03	37.5 mg/kg	Day : 94	0	1.09,3.62	3.95	6.5
0040_03	37.5 mg/kg	Day : 94	0	2.08,1.94	4.04	6.6
0041_03	75 mg/kg	Day : 94	0	2.10,2.33	4.90	7.4
0042_03	75 mg/kg	Day : 94	0	1.59,2.45	3.90	7.2

MALE

Animal No.	Dose	Time In Study	GGT U PER L	Glutathione Oxidized Per G Tissue umol per g	Glutathione Reduced Per G Tissue umol per g	Protein Total g per dL
0043_03	75 mg/kg	Day : 94	0	2.62,1.73	4.53	7.1
0044_03	75 mg/kg	Day : 94	0	2.41,1.89	4.55	7.5
0045_03	75 mg/kg	Day : 94	1	2.39,1.68	4.01	7.3
0046_03	75 mg/kg	Day : 94	0	2.37,1.95	4.62	7.3
0047_03	75 mg/kg	Day : 94	0	2.05,2.40	4.93	6.9
0048_03	75 mg/kg	Day : 94	0	2.96,1.83	5.43	7.1
0049_03	75 mg/kg	Day : 94	0	2.03,2.71	5.51	6.8
0050_03	75 mg/kg	Day : 94	0	1.27,3.54	4.50	7.3
0051_03	150 mg/kg	Day : 94	8	2.12,2.98	6.33	6.8
0052_03	150 mg/kg	Day : 94	9	2.55,3.22	8.20	6.5
0053_03	150 mg/kg	Day : 94	7	1.58,3.77	5.95	6.9
0054_03	150 mg/kg	Day : 94	11	2.64,2.82	7.44	6.3
0055_03	150 mg/kg	Day : 94	18	4.48,2.19	9.83	6.4
0056_03	150 mg/kg	Day : 94	7	3.16,1.75	5.53	6.6
0057_03	150 mg/kg	Day : 94	14	3.32,2.22	7.38	6.8
0058_03	150 mg/kg	Day : 94	11	4.65,1.52	7.07	6.4
0059_03	150 mg/kg	Day : 94	8	1.68,4.30	7.23	6.4
0060_03	150 mg/kg	Day : 94	10	2.66,1.89	5.04	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
0001_03	0 mg/kg	Day : 94	19
0002_03	0 mg/kg	Day : 94	17
0003_03	0 mg/kg	Day : 94	18
0004_03	0 mg/kg	Day : 94	14
0005_03	0 mg/kg	Day : 94	24
0006_03	0 mg/kg	Day : 94	20
0007_03	0 mg/kg	Day : 94	22
0008_03	0 mg/kg	Day : 94	16
0009_03	0 mg/kg	Day : 94	14
0010_03	0 mg/kg	Day : 94	18
0011_03	9.375 mg/kg	Day : 94	16
0012_03	9.375 mg/kg	Day : 94	17
0013_03	9.375 mg/kg	Day : 94	15
0014_03	9.375 mg/kg	Day : 94	17
0015_03	9.375 mg/kg	Day : 94	13
0016_03	9.375 mg/kg	Day : 94	17
0017_03	9.375 mg/kg	Day : 94	14
0018_03	9.375 mg/kg	Day : 94	22
0019_03	9.375 mg/kg	Day : 94	14
0020_03	9.375 mg/kg	Day : 94	15
0021_03	18.75 mg/kg	Day : 94	12
0022_03	18.75 mg/kg	Day : 94	11

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0023_03	18.75 mg/kg	Day : 94	14
0024_03	18.75 mg/kg	Day : 94	20
0025_03	18.75 mg/kg	Day : 94	14
0026_03	18.75 mg/kg	Day : 94	12
0027_03	18.75 mg/kg	Day : 94	11
0028_03	18.75 mg/kg	Day : 94	12
0029_03	18.75 mg/kg	Day : 94	14
0030_03	18.75 mg/kg	Day : 94	14
0031_03	37.5 mg/kg	Day : 94	14
0032_03	37.5 mg/kg	Day : 94	13
0033_03	37.5 mg/kg	Day : 94	12
0034_03	37.5 mg/kg	Day : 94	12
0035_03	37.5 mg/kg	Day : 94	11
0036_03	37.5 mg/kg	Day : 94	14
0037_03	37.5 mg/kg	Day : 94	9
0038_03	37.5 mg/kg	Day : 94	21
0039_03	37.5 mg/kg	Day : 94	11
0040_03	37.5 mg/kg	Day : 94	11
0041_03	75 mg/kg	Day : 94	11
0042_03	75 mg/kg	Day : 94	11
0043_03	75 mg/kg	Day : 94	6
0044_03	75 mg/kg	Day : 94	15

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First Dose M/F: NA / NA

Lab: NA

MALE

Animal No.	Dose	Time In Study	SDH IU per L
0045_03	75 mg/kg	Day : 94	9
0046_03	75 mg/kg	Day : 94	14
0047_03	75 mg/kg	Day : 94	12
0048_03	75 mg/kg	Day : 94	10
0049_03	75 mg/kg	Day : 94	7
0050_03	75 mg/kg	Day : 94	14
0051_03	150 mg/kg	Day : 94	16
0052_03	150 mg/kg	Day : 94	6
0053_03	150 mg/kg	Day : 94	21
0054_03	150 mg/kg	Day : 94	15
0055_03	150 mg/kg	Day : 94	22
0056_03	150 mg/kg	Day : 94	13
0057_03	150 mg/kg	Day : 94	13
0058_03	150 mg/kg	Day : 94	7
0059_03	150 mg/kg	Day : 94	15
0060_03	150 mg/kg	Day : 94	11

FEMALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L
0061_03	0 mg/kg	Day : 94	39	4.5	208	30
0062_03	0 mg/kg	Day : 94	39	4.7	233	46
0063_03	0 mg/kg	Day : 94	45	4.6	217	56
0064_03	0 mg/kg	Day : 94	38	4.5	204	35
0065_03	0 mg/kg	Day : 94	43	4.4	268	43
0066_03	0 mg/kg	Day : 94	38	4.9	210	39
0067_03	0 mg/kg	Day : 94	34	4.6	199	34
0068_03	0 mg/kg	Day : 94	40	4.7	182	27
0069_03	0 mg/kg	Day : 94	41	4.7	189	34
0070_03	0 mg/kg	Day : 94	38	4.6	219	34
0071_03	9.375 mg/kg	Day : 94	40	4.8	228	42
0072_03	9.375 mg/kg	Day : 94	38	4.6	222	45
0073_03	9.375 mg/kg	Day : 94	39	5.0	253	47
0074_03	9.375 mg/kg	Day : 94	38	4.6	226	38
0075_03	9.375 mg/kg	Day : 94	38	4.8	211	31
0076_03	9.375 mg/kg	Day : 94	35	4.7	211	51
0077_03	9.375 mg/kg	Day : 94	37	4.8	206	29
0078_03	9.375 mg/kg	Day : 94	37	4.8	224	76
0079_03	9.375 mg/kg	Day : 94	39	5.0	228	99
0080_03	9.375 mg/kg	Day : 94	37	5.0	189	48
0081_03	18.75 mg/kg	Day : 94	35	5.0	206	39
0082_03	18.75 mg/kg	Day : 94	32	4.7	221	40

FEMALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L
0083_03	18.75 mg/kg	Day : 94	39	5.1	178	30
0084_03	18.75 mg/kg	Day : 94	39	4.7	215	38
0085_03	18.75 mg/kg	Day : 94	41	5.0	224	35
0086_03	18.75 mg/kg	Day : 94	37	5.1	182	34
0087_03	18.75 mg/kg	Day : 94	41	4.8	276	33
0088_03	18.75 mg/kg	Day : 94	34	4.8	214	40
0089_03	18.75 mg/kg	Day : 94	47	4.9	212	33
0090_03	18.75 mg/kg	Day : 94	33	4.4	218	30
0091_03	37.5 mg/kg	Day : 94	34	4.6	233	33
0092_03	37.5 mg/kg	Day : 94	32	4.5	228	35
0093_03	37.5 mg/kg	Day : 94	33	4.6	243	32
0094_03	37.5 mg/kg	Day : 94	39	4.5	272	37
0095_03	37.5 mg/kg	Day : 94	33	4.6	216	30
0096_03	37.5 mg/kg	Day : 94	36	5.1	202	32
0097_03	37.5 mg/kg	Day : 94	38	4.8	253	32
0098_03	37.5 mg/kg	Day : 94	35	4.9	237	36
0099_03	37.5 mg/kg	Day : 94	38	4.5	225	33
0100_03	37.5 mg/kg	Day : 94	34	4.6	233	28
0101_03	75 mg/kg	Day : 94	29	5.1	225	34
0102_03	75 mg/kg	Day : 94	34	5.0	296	43
0103_03	75 mg/kg	Day : 94	32	5.0	309	39
0104_03	75 mg/kg	Day : 94	32	5.1	317	44

Experiment Number: 99020-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/25/2014

Time Report Requested: 23:56:33

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	5 Prime Nucleotidase IU per L	Albumin g per dL	ALP IU per L	ALT IU per L
0104_03	75 mg/kg	Day : 94	32	5.1	317	44
0105_03	75 mg/kg	Day : 94	32	4.9	275	45
0106_03	75 mg/kg	Day : 94	31	4.6	312	41
0107_03	75 mg/kg	Day : 94	31	4.7	288	41
0108_03	75 mg/kg	Day : 94	34	5.0	269	34
0109_03	75 mg/kg	Day : 94	30	4.7	297	40
0110_03	75 mg/kg	Day : 94	29	4.9	259	36
0111_03	150 mg/kg	Day : 94	29	4.8	502	54
0113_03	150 mg/kg	Day : 94	28	4.6	521	58
0114_03	150 mg/kg	Day : 94	29	4.8	526	62
0115_03	150 mg/kg	Day : 94	32	4.7	625	58
0116_03	150 mg/kg	Day : 94	31	4.5	581	62
0117_03	150 mg/kg	Day : 94	29	4.7	547	57
0118_03	150 mg/kg	Day : 94	29	4.7	536	58
0119_03	150 mg/kg	Day : 94	28	4.6	498	51
0120_03	150 mg/kg	Day : 94	28	4.8	484	60

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L
0061_03	0 mg/kg	Day : 94	20	14	0.5	43
0062_03	0 mg/kg	Day : 94	18	15	0.6	214
0063_03	0 mg/kg	Day : 94	19	12	0.6	344
0064_03	0 mg/kg	Day : 94	13	12	0.6	72
0065_03	0 mg/kg	Day : 94	23	14	0.6	114
0066_03	0 mg/kg	Day : 94	14	12	0.6	186
0067_03	0 mg/kg	Day : 94	28	13	0.6	89
0068_03	0 mg/kg	Day : 94	25	12	0.6	179
0069_03	0 mg/kg	Day : 94	23	11	0.5	75
0070_03	0 mg/kg	Day : 94	14	12	0.6	121
0071_03	9.375 mg/kg	Day : 94	23	14	0.6	125
0072_03	9.375 mg/kg	Day : 94	31	12	0.5	96
0073_03	9.375 mg/kg	Day : 94	23	14	0.6	142
0074_03	9.375 mg/kg	Day : 94	36	15	0.6	85
0075_03	9.375 mg/kg	Day : 94	35	12	0.6	60
0076_03	9.375 mg/kg	Day : 94	28	13	0.5	45
0077_03	9.375 mg/kg	Day : 94	19	14	0.6	77
0078_03	9.375 mg/kg	Day : 94	24	15	0.7	210
0079_03	9.375 mg/kg	Day : 94	28	15	0.6	240
0080_03	9.375 mg/kg	Day : 94	25	14	0.6	123
0081_03	18.75 mg/kg	Day : 94	33	14	0.6	98
0082_03	18.75 mg/kg	Day : 94	34	17	0.6	248

FEMALE

Animal No.	Dose	Time In Study	Bile Acids Per G Tissue umol per g	BUN mg per dL	Creatine mg per dL	Creatine Kinase IU per L
0083_03	18.75 mg/kg	Day : 94	32	12	0.6	91
0084_03	18.75 mg/kg	Day : 94	38	15	0.6	92
0085_03	18.75 mg/kg	Day : 94	21	11	0.6	97
0086_03	18.75 mg/kg	Day : 94	19	12	0.6	65
0087_03	18.75 mg/kg	Day : 94	28	12	0.5	113
0088_03	18.75 mg/kg	Day : 94	38	12	0.6	57
0089_03	18.75 mg/kg	Day : 94	35	13	0.6	98
0090_03	18.75 mg/kg	Day : 94	28	11	0.5	125
0091_03	37.5 mg/kg	Day : 94	37	16	0.6	130
0092_03	37.5 mg/kg	Day : 94	33	13	0.5	74
0093_03	37.5 mg/kg	Day : 94	26	12	0.6	108
0094_03	37.5 mg/kg	Day : 94	34	14	0.6	86
0095_03	37.5 mg/kg	Day : 94	28	12	0.6	157
0096_03	37.5 mg/kg	Day : 94	21	16	0.5	67
0097_03	37.5 mg/kg	Day : 94	34	15	0.6	233
0098_03	37.5 mg/kg	Day : 94	16	14	0.6	86
0099_03	37.5 mg/kg	Day : 94	18	12	0.5	130
0100_03	37.5 mg/kg	Day : 94	26	12	0.6	48
0101_03	75 mg/kg	Day : 94	43	15	0.6	192
0102_03	75 mg/kg	Day : 94	80	17	0.6	268
0103_03	75 mg/kg	Day : 94	55	16	0.6	218
0104_03	75 mg/kg	Day : 94	39	26	0.6	153

Experiment Number: 99020-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/25/2014

Time Report Requested: 23:56:33

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 mg per dL	Creatine Kinase IU per L
0104_03	75 mg/kg	Day : 94	39	26	0.6	153
0105_03	75 mg/kg	Day : 94	25	15	0.5	85
0106_03	75 mg/kg	Day : 94	39	14	0.5	245
0107_03	75 mg/kg	Day : 94	39	14	0.5	99
0108_03	75 mg/kg	Day : 94	60	12	0.6	619
0109_03	75 mg/kg	Day : 94	41	16	0.5	117
0110_03	75 mg/kg	Day : 94	29	14	0.6	160
0111_03	150 mg/kg	Day : 94	66	18	0.5	183
0113_03	150 mg/kg	Day : 94	83	18	0.5	114
0114_03	150 mg/kg	Day : 94	92	16	0.5	110
0115_03	150 mg/kg	Day : 94	72	20	0.5	84
0116_03	150 mg/kg	Day : 94	114	18	0.5	368
0117_03	150 mg/kg	Day : 94	108	18	0.5	128
0118_03	150 mg/kg	Day : 94	85	20	0.5	101
0119_03	150 mg/kg	Day : 94	55	18	0.5	261
0120_03	150 mg/kg	Day : 94	113	18	0.5	206

FEMALE

Animal No.	Dose	Time In Study	GGT U PER L	Glutathione Oxidized Per G Tissue umol per g	Glutathione Reduced Per G Tissue umol per g	Protein Total g per dL
0061_03	0 mg/kg	Day : 94	0	1.21,2.26	2.74	6.5
0062_03	0 mg/kg	Day : 94	1	2.56,1.29	3.30	6.7
0063_03	0 mg/kg	Day : 94	0	2.20,1.65	3.63	6.5
0064_03	0 mg/kg	Day : 94	1	2.73,1.17	3.19	6.4
0065_03	0 mg/kg	Day : 94	0	3.22,1.15	3.70	6.2
0066_03	0 mg/kg	Day : 94	1	2.26,1.48	3.34	6.9
0067_03	0 mg/kg	Day : 94	0	0.00	4.45	6.5
0068_03	0 mg/kg	Day : 94	0	1.46,2.75	4.02	6.6
0069_03	0 mg/kg	Day : 94	1	2.23,1.58	3.52	6.8
0070_03	0 mg/kg	Day : 94	1	1.99,1.56	3.11	6.5
0071_03	9.375 mg/kg	Day : 94	0	1.16,3.37	3.91	6.8
0072_03	9.375 mg/kg	Day : 94	0	2.70,2.11	5.69	6.4
0073_03	9.375 mg/kg	Day : 94	1	1.22,3.21	3.92	7.0
0074_03	9.375 mg/kg	Day : 94	0	2.15,1.72	3.70	6.6
0075_03	9.375 mg/kg	Day : 94	1	3.25,1.33	4.32	6.6
0076_03	9.375 mg/kg	Day : 94	0	2.19,1.78	3.89	6.4
0077_03	9.375 mg/kg	Day : 94	0	1.57,2.15	3.38	6.7
0078_03	9.375 mg/kg	Day : 94	0	1.03,3.01	3.10	6.8
0079_03	9.375 mg/kg	Day : 94	0	1.54,1.78	2.74	7.0
0080_03	9.375 mg/kg	Day : 94	0	4.47,0.89	3.96	6.9
0081_03	18.75 mg/kg	Day : 94	1	1.12,3.72	4.17	6.9

FEMALE

Animal No.	Dose	Time In Study	GGT U PER L	Glutathione Oxidized Per G Tissue umol per g	Glutathione Reduced Per G Tissue umol per g	Protein Total g per dL
0082_03	18.75 mg/kg	Day : 94	0	3.01,1.36	4.10	6.5
0083_03	18.75 mg/kg	Day : 94	0	1.22,3.16	3.85	7.1
0084_03	18.75 mg/kg	Day : 94	0	1.86,2.15	4.00	6.7
0085_03	18.75 mg/kg	Day : 94	0	2.13,1.80	3.83	7.0
0086_03	18.75 mg/kg	Day : 94	1	2.53,1.70	4.30	7.1
0087_03	18.75 mg/kg	Day : 94	0	2.28,1.97	4.49	6.6
0088_03	18.75 mg/kg	Day : 94	0	2.08,1.98	4.11	6.6
0089_03	18.75 mg/kg	Day : 94	0	2.02,2.25	4.54	6.9
0090_03	18.75 mg/kg	Day : 94	1	1.30,2.77	3.60	6.2
0091_03	37.5 mg/kg	Day : 94	0	2.20,2.06	4.53	6.4
0092_03	37.5 mg/kg	Day : 94	0	1.96,2.44	4.79	6.3
0093_03	37.5 mg/kg	Day : 94	0	1.65,2.94	4.85	6.5
0094_03	37.5 mg/kg	Day : 94	0	2.54,1.72	4.37	6.4
0095_03	37.5 mg/kg	Day : 94	1	4.69,1.04	4.88	6.6
0096_03	37.5 mg/kg	Day : 94	0	2.19,1.76	3.85	7.0
0097_03	37.5 mg/kg	Day : 94	0	1.58,3.02	4.77	6.6
0098_03	37.5 mg/kg	Day : 94	0	2.00,2.28	4.56	6.7
0099_03	37.5 mg/kg	Day : 94	0	1.84,2.51	4.63	6.2
0100_03	37.5 mg/kg	Day : 94	1	1.42,2.81	3.99	6.3
0101_03	75 mg/kg	Day : 94	0	0.57,10.30	5.87	7.2
0102_03	75 mg/kg	Day : 94	0	0.93,5.53	5.14	7.3

FEMALE

Animal No.	Dose	Time In Study	GGT U PER L	Glutathione Oxidized Per G Tissue umol per g	Glutathione Reduced Per G Tissue umol per g	Protein Total g per dL
0103_03	75 mg/kg	Day : 94	0	1.51,3.83	5.79	7.0
0104_03	75 mg/kg	Day : 94	0	3.46,1.90	6.57	7.0
0105_03	75 mg/kg	Day : 94	0	1.64,2.15	3.52	6.8
0106_03	75 mg/kg	Day : 94	0	2.10,2.71	5.68	6.4
0107_03	75 mg/kg	Day : 94	0	2.80,2.09	5.86	6.5
0108_03	75 mg/kg	Day : 94	0	1.71,2.87	4.92	7.0
0109_03	75 mg/kg	Day : 94	1	2.94,1.80	5.28	6.4
0110_03	75 mg/kg	Day : 94	0	1.85,3.08	5.71	6.8
0111_03	150 mg/kg	Day : 94	4	1.95,3.48	6.78	6.7
0113_03	150 mg/kg	Day : 94	5	3.31,1.84	6.08	6.5
0114_03	150 mg/kg	Day : 94	3	2.01,3.51	7.07	6.7
0115_03	150 mg/kg	Day : 94	7	4.24,1.87	7.94	6.8
0116_03	150 mg/kg	Day : 94	6	1.89,3.85	7.28	6.4
0117_03	150 mg/kg	Day : 94	6	24.27,0.30	7.28	6.7
0118_03	150 mg/kg	Day : 94	6	1.96,3.07	6.02	6.5
0119_03	150 mg/kg	Day : 94	3	3.42,2.10	7.17	6.5
0120_03	150 mg/kg	Day : 94	4	2.47,2.32	5.72	6.7

Experiment Number: 99020-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/25/2014

Time Report Requested: 23:56:33

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0061_03	0 mg/kg	Day : 94	7
0062_03	0 mg/kg	Day : 94	17
0063_03	0 mg/kg	Day : 94	11
0064_03	0 mg/kg	Day : 94	10
0065_03	0 mg/kg	Day : 94	17
0066_03	0 mg/kg	Day : 94	12
0067_03	0 mg/kg	Day : 94	9
0068_03	0 mg/kg	Day : 94	11
0069_03	0 mg/kg	Day : 94	10
0070_03	0 mg/kg	Day : 94	11
0071_03	9.375 mg/kg	Day : 94	16
0072_03	9.375 mg/kg	Day : 94	9
0073_03	9.375 mg/kg	Day : 94	20
0074_03	9.375 mg/kg	Day : 94	12
0075_03	9.375 mg/kg	Day : 94	8
0076_03	9.375 mg/kg	Day : 94	13
0077_03	9.375 mg/kg	Day : 94	14
0078_03	9.375 mg/kg	Day : 94	26
0079_03	9.375 mg/kg	Day : 94	28
0080_03	9.375 mg/kg	Day : 94	17
0081_03	18.75 mg/kg	Day : 94	8
0082_03	18.75 mg/kg	Day : 94	13

Experiment Number: 99020-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/25/2014

Time Report Requested: 23:56:33

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0083_03	18.75 mg/kg	Day : 94	14
0084_03	18.75 mg/kg	Day : 94	10
0085_03	18.75 mg/kg	Day : 94	12
0086_03	18.75 mg/kg	Day : 94	10
0087_03	18.75 mg/kg	Day : 94	7
0088_03	18.75 mg/kg	Day : 94	8
0089_03	18.75 mg/kg	Day : 94	12
0090_03	18.75 mg/kg	Day : 94	8
0091_03	37.5 mg/kg	Day : 94	9
0092_03	37.5 mg/kg	Day : 94	9
0093_03	37.5 mg/kg	Day : 94	5
0094_03	37.5 mg/kg	Day : 94	10
0095_03	37.5 mg/kg	Day : 94	11
0096_03	37.5 mg/kg	Day : 94	6
0097_03	37.5 mg/kg	Day : 94	15
0098_03	37.5 mg/kg	Day : 94	9
0099_03	37.5 mg/kg	Day : 94	7
0100_03	37.5 mg/kg	Day : 94	6
0101_03	75 mg/kg	Day : 94	10
0102_03	75 mg/kg	Day : 94	19
0103_03	75 mg/kg	Day : 94	16
0104_03	75 mg/kg	Day : 94	13

Experiment Number: 99020-03

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/25/2014

Time Report Requested: 23:56:33

First Dose M/F: NA / NA

Lab: NA

FEMALE

Animal No.	Dose	Time In Study	SDH IU per L
0105_03	75 mg/kg	Day : 94	10
0106_03	75 mg/kg	Day : 94	9
0107_03	75 mg/kg	Day : 94	5
0108_03	75 mg/kg	Day : 94	6
0109_03	75 mg/kg	Day : 94	13
0110_03	75 mg/kg	Day : 94	11
0111_03	150 mg/kg	Day : 94	9
0113_03	150 mg/kg	Day : 94	14
0114_03	150 mg/kg	Day : 94	10
0115_03	150 mg/kg	Day : 94	9
0116_03	150 mg/kg	Day : 94	9
0117_03	150 mg/kg	Day : 94	10
0118_03	150 mg/kg	Day : 94	9
0119_03	150 mg/kg	Day : 94	10
0120_03	150 mg/kg	Day : 94	12

** END OF REPORT **