

**Experiment Number:** 55801-08

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

**P42: Clinical Chemistry Data**

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 03:42:20

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

**Lab:** NA

**C Number:** C55801F

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

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
3000_08	0 mg/kg	Hour : 48	45.7	4.5	220	41
3001_08	0 mg/kg	Hour : 48	38.2	4.0	169	38
3002_08	0 mg/kg	Hour : 48	39.3	4.3	177	28
3003_08	0 mg/kg	Hour : 48	38.8	4.3	196	47
3004_08	0 mg/kg	Hour : 48	43.1	4.3	197	43
3005_08	0 mg/kg	Hour : 48	39.1	4.4	168	39
3006_08	1500 mg/kg	Hour : 48	147	4.0	411	2690
3007_08	1500 mg/kg	Hour : 48	133	4.2	361	2710
3008_08	1500 mg/kg	Hour : 48	58	3.8	217	610
3009_08	1500 mg/kg	Hour : 48	90	3.8	269	1070
3010_08	1500 mg/kg	Hour : 48	37	4.1	184	520
3011_08	1500 mg/kg	Hour : 48	27.5	4.3	216	165
3012_08	0 mg/kg	Hour : 24	48.1	4.1	217	47
3013_08	0 mg/kg	Hour : 24	41.9	4.1	221	40
3014_08	0 mg/kg	Hour : 24	39.1	3.9	193	44
3015_08	0 mg/kg	Hour : 24	34.5	3.8	191	40
3016_08	0 mg/kg	Hour : 24	42.9	4.0	204	40
3017_08	0 mg/kg	Hour : 24	39.8	4.2	189	42
3018_08	1500 mg/kg	Hour : 24	39.5	4.5	266	1600
3019_08	1500 mg/kg	Hour : 24	54.5	4.3	229	3690
3020_08	1500 mg/kg	Hour : 24	37.5	4.2	238	80
3021_08	1500 mg/kg	Hour : 24	25.5	4.2	227	8600

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

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
3022_08	1500 mg/kg	Hour : 24	77	4.6	285	6940
3023_08	1500 mg/kg	Hour : 24	39.5	3.9	227	233
3024_08	0 mg/kg	Hour : 6	27.1	4.1	198	65
3025_08	0 mg/kg	Hour : 6	26.9	4.1	222	43
3026_08	0 mg/kg	Hour : 6	29.5	3.9	212	109
3027_08	0 mg/kg	Hour : 6	27.9	4.0	197	107
3028_08	0 mg/kg	Hour : 6	29	4.1	232	49
3029_08	0 mg/kg	Hour : 6	30.2	4.2	197	53
3030_08	1500 mg/kg	Hour : 6	33.5	4.4	212	49
3031_08	1500 mg/kg	Hour : 6	26.4	4.2	198	96
3032_08	1500 mg/kg	Hour : 6	30.2	4.4	194	56
3033_08	1500 mg/kg	Hour : 6	31.3	4.5	194	54
3034_08	1500 mg/kg	Hour : 6	31.2	4.2	199	59
3035_08	1500 mg/kg	Hour : 6	33.8	4.4	179	62
3051_08	0 mg/kg	Hour : 48	35.8	4.3	207	57
3052_08	0 mg/kg	Hour : 48	29.3	4.5	173	42
3053_08	0 mg/kg	Hour : 48	31.9	4.3	177	52
3054_08	0 mg/kg	Hour : 48	27.7	4.1	194	50
3055_08	0 mg/kg	Hour : 48	28.3	4.4	163	42
3056_08	0 mg/kg	Hour : 48	29.8	5.1	246	82
3057_08	150 mg/kg	Hour : 48	27.2	4.3	174	51
3058_08	150 mg/kg	Hour : 48	27.6	4.7	207	47

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

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
3058_08	150 mg/kg	Hour : 48	27.6	4.7	207	47
3059_08	150 mg/kg	Hour : 48	28.8	4.7	190	54
3060_08	150 mg/kg	Hour : 48	32.9	4.8	199	60
3061_08	150 mg/kg	Hour : 48	31.2	4.8	175	51
3062_08	150 mg/kg	Hour : 48	28.8	4.5	173	47
3063_08	0 mg/kg	Hour : 24	34.8	4.9	208	99
3064_08	0 mg/kg	Hour : 24	38.2	4.8	242	71
3065_08	0 mg/kg	Hour : 24	39.5	4.9	254	106
3066_08	0 mg/kg	Hour : 24	30.6	4.5	203	57
3067_08	0 mg/kg	Hour : 24	34.7	4.0	142	59
3068_08	0 mg/kg	Hour : 24	28.6	4.4	179	72
3069_08	150 mg/kg	Hour : 24	32.0	4.3	154	78
3070_08	150 mg/kg	Hour : 24	31.6	3.9	191	55
3071_08	150 mg/kg	Hour : 24	29.5	4.4	170	51
3072_08	150 mg/kg	Hour : 24	28.7	4.4	158	59
3073_08	150 mg/kg	Hour : 24	29.9	4.2	206	47
3074_08	150 mg/kg	Hour : 24	36.3	4.5	212	225
3075_08	0 mg/kg	Hour : 6	35.1	4.7	155	81
3076_08	0 mg/kg	Hour : 6	30.1	4.2	183	46
3077_08	0 mg/kg	Hour : 6	30.6	4.4	162	47
3078_08	0 mg/kg	Hour : 6	32.5	4.4	218	52
3079_08	0 mg/kg	Hour : 6	29.0	4.2	181	49

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

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
3080_08	0 mg/kg	Hour : 6	30.3	4.2	193	62
3081_08	150 mg/kg	Hour : 6	36.2	4.4	191	54
3082_08	150 mg/kg	Hour : 6	30.1	4.2	188	47
3083_08	150 mg/kg	Hour : 6	32.9	4.9	195	61
3084_08	150 mg/kg	Hour : 6	31.5	4.3	189	57
3085_08	150 mg/kg	Hour : 6	27.6	4.3	173	54
3086_08	150 mg/kg	Hour : 6	30.6	4.6	206	67
3087_08	0 mg/kg	Hour : 6	34.0	4.1	174	43
3088_08	0 mg/kg	Hour : 6	33.3	4.4	199	45
3089_08	0 mg/kg	Hour : 6	39.2	4.3	199	64
3090_08	0 mg/kg	Hour : 6	32.3	4.3	186	40
3091_08	0 mg/kg	Hour : 6	32.9	4.3	181	40
3092_08	0 mg/kg	Hour : 6	35.1	4.3	205	55
3093_08	2000 mg/kg	Hour : 6	36.4	4.3	206	54
3094_08	2000 mg/kg	Hour : 6	38.4	4.3	183	39
3095_08	2000 mg/kg	Hour : 6	32.0	4.3	184	38
3096_08	2000 mg/kg	Hour : 6	34.4	4.3	196	67
3097_08	2000 mg/kg	Hour : 6	33.4	4.2	196	46
3098_08	2000 mg/kg	Hour : 6	33.6	4.2	184	38
3099_08	0 mg/kg	Hour : 24	32.2	4.1	239	46
3100_08	0 mg/kg	Hour : 24	29.0	3.7	247	40
3101_08	0 mg/kg	Hour : 24	30.3	4.0	221	42

## 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
3101_08	0 mg/kg	Hour : 24	30.3	4.0	221	42
3102_08	0 mg/kg	Hour : 24	27.9	3.5	217	38
3103_08	0 mg/kg	Hour : 24	30.8	4.0	205	39
3104_08	0 mg/kg	Hour : 24	28.6	3.8	262	41
3105_08	2000 mg/kg	Hour : 24	34.0	4.3	229	760
3106_08	2000 mg/kg	Hour : 24	61.0	4.0	220	6320
3107_08	2000 mg/kg	Hour : 24	41.0	4.2	230	3840
3108_08	2000 mg/kg	Hour : 24	29.0	4.2	198	62
3109_08	2000 mg/kg	Hour : 24	71.0	4.1	238	5600
3110_08	2000 mg/kg	Hour : 24	44.0	3.9	220	1130
3111_08	0 mg/kg	Hour : 48	32.8	4.3	212	48
3112_08	0 mg/kg	Hour : 48	30.7	4.3	213	51
3113_08	0 mg/kg	Hour : 48	39.0	4.0	247	47
3114_08	0 mg/kg	Hour : 48	31.9	4.4	172	36
3115_08	0 mg/kg	Hour : 48	31.7	3.9	167	32
3116_08	0 mg/kg	Hour : 48	31.5	4.7	169	41
3117_08	2000 mg/kg	Hour : 48	58.5	4.1	253	1700
3118_08	2000 mg/kg	Hour : 48	73.4	4.0	315	2940
3119_08	2000 mg/kg	Hour : 48	75.6	3.7	364	2200
3120_08	2000 mg/kg	Hour : 48	83.1	3.9	334	3720
3121_08	2000 mg/kg	Hour : 48	62.4	3.8	325	1180
3122_08	2000 mg/kg	Hour : 48	95.9	3.8	311	2080

## MALE

Animal No.	Dose	Time In Study	AST IU per L	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL
3000_08	0 mg/kg	Hour : 48	73	25	<0.1	0.3
3001_08	0 mg/kg	Hour : 48	60	15.6	<0.1	0.2
3002_08	0 mg/kg	Hour : 48	59	13	<0.1	0.2
3003_08	0 mg/kg	Hour : 48	64	16.2	<0.1	0.2
3004_08	0 mg/kg	Hour : 48	65	17.7	<0.1	0.3
3005_08	0 mg/kg	Hour : 48	68	15.5	0.1	0.3
3006_08	1500 mg/kg	Hour : 48	3650	266	0.2	0.5
3007_08	1500 mg/kg	Hour : 48	3960	216	<0.1	0.4
3008_08	1500 mg/kg	Hour : 48	960	96	<0.1	0.2
3009_08	1500 mg/kg	Hour : 48	1950	171.5	0.1	0.3
3010_08	1500 mg/kg	Hour : 48	566	57.5	<0.1	0.2
3011_08	1500 mg/kg	Hour : 48	245	30	<0.1	0.2
3012_08	0 mg/kg	Hour : 24	66	25.3	<0.1	0.4
3013_08	0 mg/kg	Hour : 24	73	17.8	<0.1	0.3
3014_08	0 mg/kg	Hour : 24	69	33	0.1	0.3
3015_08	0 mg/kg	Hour : 24	63	45.3	0.1	0.3
3016_08	0 mg/kg	Hour : 24	60	23.5	<0.1	0.4
3017_08	0 mg/kg	Hour : 24	61	34	<0.1	0.4
3018_08	1500 mg/kg	Hour : 24	2030	254	0.1	0.6
3019_08	1500 mg/kg	Hour : 24	5540	294	0.1	0.3
3020_08	1500 mg/kg	Hour : 24	104	40.4	0.1	0.7
3021_08	1500 mg/kg	Hour : 24	7400	59.3	0.2	0.5

## MALE

Animal No.	Dose	Time In Study	AST IU per L	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL
3022_08	1500 mg/kg	Hour : 24	13120	423	0.2	0.5
3023_08	1500 mg/kg	Hour : 24	377	63.4	<0.1	0.5
3024_08	0 mg/kg	Hour : 6	108	42.1	<0.1	0.3
3025_08	0 mg/kg	Hour : 6	96	26.7	<0.1	0.4
3026_08	0 mg/kg	Hour : 6	80	23.7	<0.1	0.4
3027_08	0 mg/kg	Hour : 6	335	25.2	<0.1	0.4
3028_08	0 mg/kg	Hour : 6	314	26.8	0.1	0.6
3029_08	0 mg/kg	Hour : 6	85	26.9	<0.1	0.4
3030_08	1500 mg/kg	Hour : 6	89	29.7	<0.1	0.5
3031_08	1500 mg/kg	Hour : 6	107	30.4	0.1	0.4
3032_08	1500 mg/kg	Hour : 6	78	27.6	0.1	0.3
3033_08	1500 mg/kg	Hour : 6	84	25.5	<0.1	0.4
3034_08	1500 mg/kg	Hour : 6	80	26.5	0.1	0.4
3035_08	1500 mg/kg	Hour : 6	124	26	0.1	0.5
3051_08	0 mg/kg	Hour : 48	82	21.5		
3052_08	0 mg/kg	Hour : 48	78	15.9		
3053_08	0 mg/kg	Hour : 48	76	18.6		
3054_08	0 mg/kg	Hour : 48	77	23.7		
3055_08	0 mg/kg	Hour : 48	76	12.0		
3056_08	0 mg/kg	Hour : 48	100	17.8		
3057_08	150 mg/kg	Hour : 48	85	12.0		
3058_08	150 mg/kg	Hour : 48	71	20.1		



Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	AST IU per L	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL
3058_08	150 mg/kg	Hour : 48	71	20.1		
3059_08	150 mg/kg	Hour : 48	75	22.0		
3060_08	150 mg/kg	Hour : 48	81	11.9		
3061_08	150 mg/kg	Hour : 48	78	13.9		
3062_08	150 mg/kg	Hour : 48	81	15.1		
3063_08	0 mg/kg	Hour : 24	112	38.8		
3064_08	0 mg/kg	Hour : 24	102	38.5		
3065_08	0 mg/kg	Hour : 24	173	33.8		
3066_08	0 mg/kg	Hour : 24	88	20.5		
3067_08	0 mg/kg	Hour : 24	112	17.5		
3068_08	0 mg/kg	Hour : 24	91	30.6		
3069_08	150 mg/kg	Hour : 24	135	26.8		
3070_08	150 mg/kg	Hour : 24	68	27.5		
3071_08	150 mg/kg	Hour : 24	66	11.7		
3072_08	150 mg/kg	Hour : 24	75	34.0		
3073_08	150 mg/kg	Hour : 24	77	13.1		
3074_08	150 mg/kg	Hour : 24	343	43.7		
3075_08	0 mg/kg	Hour : 6	119	37.3		
3076_08	0 mg/kg	Hour : 6	63	17.4		
3077_08	0 mg/kg	Hour : 6	68	13.4		
3078_08	0 mg/kg	Hour : 6	90	19.4		
3079_08	0 mg/kg	Hour : 6	76	20.0		

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	AST IU per L	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL
3080_08	0 mg/kg	Hour : 6	88	15.7		
3081_08	150 mg/kg	Hour : 6	74	10.6		
3082_08	150 mg/kg	Hour : 6	72	9.7		
3083_08	150 mg/kg	Hour : 6	86	12.1		
3084_08	150 mg/kg	Hour : 6	86	15.4		
3085_08	150 mg/kg	Hour : 6	63	15.2		
3086_08	150 mg/kg	Hour : 6	95	12.9		
3087_08	0 mg/kg	Hour : 6	60	28.7		
3088_08	0 mg/kg	Hour : 6	61	31.6		
3089_08	0 mg/kg	Hour : 6	104	17.4		
3090_08	0 mg/kg	Hour : 6	61	21.9		
3091_08	0 mg/kg	Hour : 6	64	19.6		
3092_08	0 mg/kg	Hour : 6	65	20.3		
3093_08	2000 mg/kg	Hour : 6	68	23.5		
3094_08	2000 mg/kg	Hour : 6	67	13.0		
3095_08	2000 mg/kg	Hour : 6	61	17.6		
3096_08	2000 mg/kg	Hour : 6	101	20.6		
3097_08	2000 mg/kg	Hour : 6	55	21.9		
3098_08	2000 mg/kg	Hour : 6	55	15.9		
3099_08	0 mg/kg	Hour : 24	65	37.5		
3100_08	0 mg/kg	Hour : 24	67	20.6		
3101_08	0 mg/kg	Hour : 24	65	22.4		

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	AST IU per L	Bile Acids Per G Tissue umol per g	Bilirubin Direct mg per dL	Bilirubin Total mg per dL
3101_08	0 mg/kg	Hour : 24	65	22.4		
3102_08	0 mg/kg	Hour : 24	67	15.6		
3103_08	0 mg/kg	Hour : 24	66	34.5		
3104_08	0 mg/kg	Hour : 24	84	11.1		
3105_08	2000 mg/kg	Hour : 24	1070	167.9		
3106_08	2000 mg/kg	Hour : 24	1192	571.0		
3107_08	2000 mg/kg	Hour : 24	6860	393.5		
3108_08	2000 mg/kg	Hour : 24	109	28.7		
3109_08	2000 mg/kg	Hour : 24	9340	399.0		
3110_08	2000 mg/kg	Hour : 24	1900	128.7		
3111_08	0 mg/kg	Hour : 48	69	14.5		
3112_08	0 mg/kg	Hour : 48	72	21.4		
3113_08	0 mg/kg	Hour : 48	65	29.6		
3114_08	0 mg/kg	Hour : 48	75	14.5		
3115_08	0 mg/kg	Hour : 48	67	9.8		
3116_08	0 mg/kg	Hour : 48	75	20.1		
3117_08	2000 mg/kg	Hour : 48	1780	158.3		
3118_08	2000 mg/kg	Hour : 48	3460	212.5		
3119_08	2000 mg/kg	Hour : 48	3180	245.5		
3120_08	2000 mg/kg	Hour : 48	5060	259.0		
3121_08	2000 mg/kg	Hour : 48	1480	141.5		
3122_08	2000 mg/kg	Hour : 48	2240	200.0		

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Glucose mg per dL	Protein Total g per dL
3000_08	0 mg/kg	Hour : 48	22	0.7	204	7.6
3001_08	0 mg/kg	Hour : 48	19	0.4	154	7.0
3002_08	0 mg/kg	Hour : 48	20	0.7	169	7.4
3003_08	0 mg/kg	Hour : 48	18	0.7	150	7.3
3004_08	0 mg/kg	Hour : 48	19	0.6	177	7.2
3005_08	0 mg/kg	Hour : 48	21	0.5	168	7.8
3006_08	1500 mg/kg	Hour : 48	23	0.8	170	6.8
3007_08	1500 mg/kg	Hour : 48	21	0.8	145	7.4
3008_08	1500 mg/kg	Hour : 48	17	0.7	163	7.2
3009_08	1500 mg/kg	Hour : 48	25	0.6	147	6.7
3010_08	1500 mg/kg	Hour : 48	18	0.6	160	6.8
3011_08	1500 mg/kg	Hour : 48	20	0.5	150	6.8
3012_08	0 mg/kg	Hour : 24	16	0.6	170	7.1
3013_08	0 mg/kg	Hour : 24	14	0.6	155	6.9
3014_08	0 mg/kg	Hour : 24	19	0.6	159	7.1
3015_08	0 mg/kg	Hour : 24	16	0.5	156	6.9
3016_08	0 mg/kg	Hour : 24	17	0.5	161	7.2
3017_08	0 mg/kg	Hour : 24	19	0.6	155	7.3
3018_08	1500 mg/kg	Hour : 24	18	0.6	144	7.4
3019_08	1500 mg/kg	Hour : 24	19	0.6	134	7.0
3020_08	1500 mg/kg	Hour : 24	18	0.5	208	7.6
3021_08	1500 mg/kg	Hour : 24	22	0.5	136	7.0

Experiment Number: 55801-08

## P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Glucose mg per dL	Protein Total g per dL
3022_08	1500 mg/kg	Hour : 24	21	0.6	158	7.6
3023_08	1500 mg/kg	Hour : 24	20	0.7	169	7.1
3024_08	0 mg/kg	Hour : 6	15	0.6	157	7.0
3025_08	0 mg/kg	Hour : 6	16	0.6	167	6.8
3026_08	0 mg/kg	Hour : 6	16	0.6	166	6.9
3027_08	0 mg/kg	Hour : 6	15	0.6	171	7.0
3028_08	0 mg/kg	Hour : 6	17	0.5	175	7.1
3029_08	0 mg/kg	Hour : 6	14	0.6	156	7.3
3030_08	1500 mg/kg	Hour : 6	14	0.5	217	7.4
3031_08	1500 mg/kg	Hour : 6	16	0.6	210	7.3
3032_08	1500 mg/kg	Hour : 6	15	0.6	207	7.7
3033_08	1500 mg/kg	Hour : 6	13	0.5	190	7.6
3034_08	1500 mg/kg	Hour : 6	16	0.6	209	7.4
3035_08	1500 mg/kg	Hour : 6	13	0.5	227	7.6
3051_08	0 mg/kg	Hour : 48	17	0.5	169	7.5
3052_08	0 mg/kg	Hour : 48	21	0.6	174	7.6
3053_08	0 mg/kg	Hour : 48	18	0.6	164	7.8
3054_08	0 mg/kg	Hour : 48	20	0.6	180	7.1
3055_08	0 mg/kg	Hour : 48	20	0.6	149	7.3
3056_08	0 mg/kg	Hour : 48	25	0.8	197	9.0
3057_08	150 mg/kg	Hour : 48	19	0.6	144	7.3
3058_08	150 mg/kg	Hour : 48	21	0.5	173	8.3

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Glucose mg per dL	Protein Total g per dL
3059_08	150 mg/kg	Hour : 48	21	0.5	166	8.0
3060_08	150 mg/kg	Hour : 48	18	0.6	187	8.3
3061_08	150 mg/kg	Hour : 48	21	0.7	189	8.5
3062_08	150 mg/kg	Hour : 48	20	0.7	188	8.0
3063_08	0 mg/kg	Hour : 24	21	0.6	187	7.9
3064_08	0 mg/kg	Hour : 24	18	0.7	216	8.4
3065_08	0 mg/kg	Hour : 24	20	0.6	197	8.8
3066_08	0 mg/kg	Hour : 24	17	0.6	180	7.8
3067_08	0 mg/kg	Hour : 24	18	0.4	205	7.6
3068_08	0 mg/kg	Hour : 24	19	0.5	172	7.5
3069_08	150 mg/kg	Hour : 24	17	0.5	197	8.0
3070_08	150 mg/kg	Hour : 24	17	0.7	169	7.5
3071_08	150 mg/kg	Hour : 24	14	0.6	173	8.0
3072_08	150 mg/kg	Hour : 24	17	0.6	190	8.1
3073_08	150 mg/kg	Hour : 24	14	0.5	168	7.7
3074_08	150 mg/kg	Hour : 24	17	0.5	184	8.1
3075_08	0 mg/kg	Hour : 6	19	0.4	195	8.6
3076_08	0 mg/kg	Hour : 6	15	0.5	171	7.3
3077_08	0 mg/kg	Hour : 6	14	0.5	152	8.0
3078_08	0 mg/kg	Hour : 6	16	0.5	185	7.7
3079_08	0 mg/kg	Hour : 6	11	0.4	161	7.4
3080_08	0 mg/kg	Hour : 6	16	0.6	169	7.4

Experiment Number: 55801-08

## P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Species/Strain: Rat/Fischer 344

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

## MALE

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Glucose mg per dL	Protein Total g per dL
3081_08	150 mg/kg	Hour : 6	17	0.5	183	7.8
3082_08	150 mg/kg	Hour : 6	13	0.6	198	7.5
3083_08	150 mg/kg	Hour : 6	18	0.6	202	8.4
3084_08	150 mg/kg	Hour : 6	17	0.5	176	7.2
3085_08	150 mg/kg	Hour : 6	15	0.5	157	7.4
3086_08	150 mg/kg	Hour : 6	13	0.5	198	7.8
3087_08	0 mg/kg	Hour : 6	11	0.6	152	6.9
3088_08	0 mg/kg	Hour : 6	16	0.6	173	7.4
3089_08	0 mg/kg	Hour : 6	18	0.4	170	7.5
3090_08	0 mg/kg	Hour : 6	16	0.6	171	7.4
3091_08	0 mg/kg	Hour : 6	18	0.5	158	7.3
3092_08	0 mg/kg	Hour : 6	19	0.6	158	7.5
3093_08	2000 mg/kg	Hour : 6	20	0.5	171	7.2
3094_08	2000 mg/kg	Hour : 6	16	0.6	160	7.3
3095_08	2000 mg/kg	Hour : 6	15	0.5	178	7.3
3096_08	2000 mg/kg	Hour : 6	19	0.5	169	7.4
3097_08	2000 mg/kg	Hour : 6	19	0.6	181	7.5
3098_08	2000 mg/kg	Hour : 6	14	0.6	164	7.3
3099_08	0 mg/kg	Hour : 24	15	0.5	143	7.0
3100_08	0 mg/kg	Hour : 24	18	0.6	151	6.6
3101_08	0 mg/kg	Hour : 24	14	0.5	168	6.7
3102_08	0 mg/kg	Hour : 24	15	0.5	163	6.0

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

**MALE**

Animal No.	Dose	Time In Study	BUN mg per dL	Creatinine U per L	Glucose mg per dL	Protein Total g per dL
3103_08	0 mg/kg	Hour : 24	16	0.5	158	7.0
3104_08	0 mg/kg	Hour : 24	15	0.5	168	6.7
3105_08	2000 mg/kg	Hour : 24	19	0.5	161	7.1
3106_08	2000 mg/kg	Hour : 24	24	0.7	138	6.7
3107_08	2000 mg/kg	Hour : 24	18	0.6	145	6.9
3108_08	2000 mg/kg	Hour : 24	20	0.5	169	7.4
3109_08	2000 mg/kg	Hour : 24	16	0.7	153	6.6
3110_08	2000 mg/kg	Hour : 24	20	0.6	150	7.0
3111_08	0 mg/kg	Hour : 48	19	0.5	177	7.3
3112_08	0 mg/kg	Hour : 48	18	0.6	185	7.4
3113_08	0 mg/kg	Hour : 48	17	0.6	232	6.7
3114_08	0 mg/kg	Hour : 48	16	0.6	166	7.8
3115_08	0 mg/kg	Hour : 48	15	0.4	170	7.1
3116_08	0 mg/kg	Hour : 48	20	0.6	182	8.0
3117_08	2000 mg/kg	Hour : 48	15	0.6	145	7.1
3118_08	2000 mg/kg	Hour : 48	14	0.6	130	7.0
3119_08	2000 mg/kg	Hour : 48	17	0.6	149	6.0
3120_08	2000 mg/kg	Hour : 48	18	0.7	144	6.5
3121_08	2000 mg/kg	Hour : 48	17	0.6	142	6.6
3122_08	2000 mg/kg	Hour : 48	16	0.8	139	6.8



Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:20

First Dose M/F: NA / NA

Lab: NA

---

**MALE**

---

Animal No.	Dose	Time In Study	SDH IU per L
3000_08	0 mg/kg	Hour : 48	3.7
3001_08	0 mg/kg	Hour : 48	6.4
3002_08	0 mg/kg	Hour : 48	6.4
3003_08	0 mg/kg	Hour : 48	8.7
3004_08	0 mg/kg	Hour : 48	8.1
3005_08	0 mg/kg	Hour : 48	4.8
3006_08	1500 mg/kg	Hour : 48	211
3007_08	1500 mg/kg	Hour : 48	199
3008_08	1500 mg/kg	Hour : 48	81
3009_08	1500 mg/kg	Hour : 48	130
3010_08	1500 mg/kg	Hour : 48	41
3011_08	1500 mg/kg	Hour : 48	9.8
3012_08	0 mg/kg	Hour : 24	11.1
3013_08	0 mg/kg	Hour : 24	9.5
3014_08	0 mg/kg	Hour : 24	8.6
3015_08	0 mg/kg	Hour : 24	9.1
3016_08	0 mg/kg	Hour : 24	8.5
3017_08	0 mg/kg	Hour : 24	8.1
3018_08	1500 mg/kg	Hour : 24	310
3019_08	1500 mg/kg	Hour : 24	360
3020_08	1500 mg/kg	Hour : 24	7.9
3021_08	1500 mg/kg	Hour : 24	124

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:21

First Dose M/F: NA / NA

Lab: NA

---

**MALE**

---

Animal No.	Dose	Time In Study	SDH IU per L
3022_08	1500 mg/kg	Hour : 24	316
3023_08	1500 mg/kg	Hour : 24	77
3024_08	0 mg/kg	Hour : 6	11.5
3025_08	0 mg/kg	Hour : 6	8.6
3026_08	0 mg/kg	Hour : 6	9.8
3027_08	0 mg/kg	Hour : 6	8.7
3028_08	0 mg/kg	Hour : 6	9.5
3029_08	0 mg/kg	Hour : 6	10.9
3030_08	1500 mg/kg	Hour : 6	5.2
3031_08	1500 mg/kg	Hour : 6	8.7
3032_08	1500 mg/kg	Hour : 6	10.7
3033_08	1500 mg/kg	Hour : 6	8.7
3034_08	1500 mg/kg	Hour : 6	12.1
3035_08	1500 mg/kg	Hour : 6	7.6
3051_08	0 mg/kg	Hour : 48	5.3
3052_08	0 mg/kg	Hour : 48	4.6
3053_08	0 mg/kg	Hour : 48	7.5
3054_08	0 mg/kg	Hour : 48	6.5
3055_08	0 mg/kg	Hour : 48	1.8
3056_08	0 mg/kg	Hour : 48	4.6
3057_08	150 mg/kg	Hour : 48	5.4
3058_08	150 mg/kg	Hour : 48	9.9

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:21

First Dose M/F: NA / NA

Lab: NA

---

**MALE**

---

Animal No.	Dose	Time In Study	SDH IU per L
3059_08	150 mg/kg	Hour : 48	8.6
3060_08	150 mg/kg	Hour : 48	8.7
3061_08	150 mg/kg	Hour : 48	6.7
3062_08	150 mg/kg	Hour : 48	8.8
3063_08	0 mg/kg	Hour : 24	2.1
3064_08	0 mg/kg	Hour : 24	3.1
3065_08	0 mg/kg	Hour : 24	11.6
3066_08	0 mg/kg	Hour : 24	3.7
3067_08	0 mg/kg	Hour : 24	2.9
3068_08	0 mg/kg	Hour : 24	2.5
3069_08	150 mg/kg	Hour : 24	5.0
3070_08	150 mg/kg	Hour : 24	5.1
3071_08	150 mg/kg	Hour : 24	5.8
3072_08	150 mg/kg	Hour : 24	5.3
3073_08	150 mg/kg	Hour : 24	4.2
3074_08	150 mg/kg	Hour : 24	3.1
3075_08	0 mg/kg	Hour : 6	1.6
3076_08	0 mg/kg	Hour : 6	3.5
3077_08	0 mg/kg	Hour : 6	3.7
3078_08	0 mg/kg	Hour : 6	7.1
3079_08	0 mg/kg	Hour : 6	8.4
3080_08	0 mg/kg	Hour : 6	3.3

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:21

First Dose M/F: NA / NA

Lab: NA

---

**MALE**

---

Animal No.	Dose	Time In Study	SDH IU per L
3081_08	150 mg/kg	Hour : 6	7.4
3082_08	150 mg/kg	Hour : 6	4.5
3083_08	150 mg/kg	Hour : 6	1.9
3084_08	150 mg/kg	Hour : 6	4.3
3085_08	150 mg/kg	Hour : 6	6.5
3086_08	150 mg/kg	Hour : 6	10.9
3087_08	0 mg/kg	Hour : 6	12.5
3088_08	0 mg/kg	Hour : 6	11.2
3089_08	0 mg/kg	Hour : 6	4.3
3090_08	0 mg/kg	Hour : 6	9.8
3091_08	0 mg/kg	Hour : 6	9.6
3092_08	0 mg/kg	Hour : 6	10.2
3093_08	2000 mg/kg	Hour : 6	9.8
3094_08	2000 mg/kg	Hour : 6	9.9
3095_08	2000 mg/kg	Hour : 6	9.8
3096_08	2000 mg/kg	Hour : 6	qns
3097_08	2000 mg/kg	Hour : 6	9.1
3098_08	2000 mg/kg	Hour : 6	9.6
3099_08	0 mg/kg	Hour : 24	8.2
3100_08	0 mg/kg	Hour : 24	5.9
3101_08	0 mg/kg	Hour : 24	7.5
3102_08	0 mg/kg	Hour : 24	8.0

Experiment Number: 55801-08

Species/Strain: Rat/Fischer 344

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014

Time Report Requested: 03:42:21

First Dose M/F: NA / NA

Lab: NA

---

**MALE**

---

Animal No.	Dose	Time In Study	SDH IU per L
3103_08	0 mg/kg	Hour : 24	10.1
3104_08	0 mg/kg	Hour : 24	8.6
3105_08	2000 mg/kg	Hour : 24	*
3106_08	2000 mg/kg	Hour : 24	159.0
3107_08	2000 mg/kg	Hour : 24	143.0
3108_08	2000 mg/kg	Hour : 24	qns
3109_08	2000 mg/kg	Hour : 24	203.0
3110_08	2000 mg/kg	Hour : 24	77.0
3111_08	0 mg/kg	Hour : 48	12.8
3112_08	0 mg/kg	Hour : 48	13.4
3113_08	0 mg/kg	Hour : 48	15.6
3114_08	0 mg/kg	Hour : 48	8.4
3115_08	0 mg/kg	Hour : 48	7.8
3116_08	0 mg/kg	Hour : 48	4.0
3117_08	2000 mg/kg	Hour : 48	192.0
3118_08	2000 mg/kg	Hour : 48	250.0
3119_08	2000 mg/kg	Hour : 48	243.0
3120_08	2000 mg/kg	Hour : 48	263.0
3121_08	2000 mg/kg	Hour : 48	130.0
3122_08	2000 mg/kg	Hour : 48	181.0

\*\* END OF REPORT \*\*