

**Experiment Number:** 96007-01  
**Species/Strain:** Rat/Sprague-Dawley

**P42: Clinical Chemistry Data**

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 03:44:44  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C96007D
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female

Experiment Number: 96007-01  
Species/Strain: Rat/Sprague-Dawley

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014  
Time Report Requested: 03:44:44  
First Dose M/F: NA / NA  
Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0006_01	0 ng/kg	Day : 211	17.41	5.60	2.62	168.42
0007_01	0 ng/kg	Day : 211	13.21	5.10	2.53	157.64
0008_01	0 ng/kg	Day : 211	8.06	4.70	2.48	168.44
0009_01	0 ng/kg	Day : 211	14.46	3.90	1.69	148.03
0010_01	0 ng/kg	Day : 211	7.56	2.70	1.13	107.07
0016_01	0 ng/kg	Day : 92	16.99	4.10	1.80	93.76
0017_01	0 ng/kg	Day : 92	14.16	6.00	2.20	132.35
0018_01	0 ng/kg	Day : 92	14.58	6.50	2.50	84.12
0019_01	0 ng/kg	Day : 92	11.46	5.00	2.28	105.70
0020_01	0 ng/kg	Day : 92	16.24	5.50	2.17	87.05
0026_01	0 ng/kg	Day : 211	8.35	3.30	0.89	92.43
0027_01	0 ng/kg	Day : 211	15.80	4.00	1.04	121.00
0028_01	0 ng/kg	Day : 211	8.26	3.20	0.88	107.38
0029_01	0 ng/kg	Day : 211	10.75	3.10	0.99	104.56
0030_01	0 ng/kg	Day : 211	10.73	3.40	1.06	127.74
0031_01	0 ng/kg	Day : 92	14.11	4.90	2.36	145.29
0032_01	0 ng/kg	Day : 92	10.40	5.30	2.49	123.15
0033_01	0 ng/kg	Day : 92	32.70	4.30	1.71	52.00
0034_01	0 ng/kg	Day : 92	14.96	5.80	2.31	81.51
0035_01	0 ng/kg	Day : 92	15.29	5.60	2.59	122.58
0041_01	0 ng/kg	Day : 365	18.31	5.30	2.42	142.14

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Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0042_01	0 ng/kg	Day : 365	20.88	3.50	1.77	142.61
0043_01	0 ng/kg	Day : 365	11.24	4.30	2.26	159.26
0044_01	0 ng/kg	Day : 365	16.41	3.60	2.23	155.13
0045_01	0 ng/kg	Day : 365	41.17	3.60	1.99	139.02
0047_01	0 ng/kg	Day : 365	17.24	4.50	2.06	143.82
0048_01	0 ng/kg	Day : 365	16.20	3.20	1.62	114.56
0050_01	0 ng/kg	Day : 365	17.87	4.30	2.13	158.95
0102_01	10 ng/kg	Day : 365	21.05	3.30	1.84	153.80
0104_01	10 ng/kg	Day : 365	27.46	3.80	2.00	186.47
0105_01	10 ng/kg	Day : 365	14.45	3.70	1.98	171.82
0106_01	10 ng/kg	Day : 211	10.62	4.40	1.65	124.63
0107_01	10 ng/kg	Day : 211	24.13	5.90	2.76	169.07
0108_01	10 ng/kg	Day : 211	12.21	6.70	2.99	151.93
0109_01	10 ng/kg	Day : 211	13.13	4.10	1.69	136.10
0110_01	10 ng/kg	Day : 211	14.82	3.80	1.78	187.74
0112_01	10 ng/kg	Day : 365	23.16	4.30	2.17	149.16
0113_01	10 ng/kg	Day : 365	18.75	5.40	2.47	153.90
0114_01	10 ng/kg	Day : 365	14.59	3.70	1.72	152.68
0115_01	10 ng/kg	Day : 365	28.69	5.40	2.39	153.56
0116_01	10 ng/kg	Day : 92	19.71	5.40	2.26	80.24
0117_01	10 ng/kg	Day : 92	11.28	5.80	2.50	116.45

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Lab: NA

FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0118_01	10 ng/kg	Day : 92	9.84	3.90	2.16	128.88
0119_01	10 ng/kg	Day : 92	13.68	6.00	2.39	117.42
0120_01	10 ng/kg	Day : 92	24.67	6.50	2.58	173.38
0122_01	10 ng/kg	Day : 365	15.89	3.80	2.01	161.21
0126_01	10 ng/kg	Day : 211	21.55	5.20	2.41	171.38
0127_01	10 ng/kg	Day : 211	13.89	4.00	1.92	146.76
0128_01	10 ng/kg	Day : 211	14.86	5.50	1.86	129.88
0129_01	10 ng/kg	Day : 211	13.03	5.40	2.63	152.00
0130_01	10 ng/kg	Day : 211	9.35	6.10	2.14	152.23
0136_01	10 ng/kg	Day : 92	9.35	6.90	3.25	150.70
0137_01	10 ng/kg	Day : 92	22.65	5.40	2.13	52.22
0138_01	10 ng/kg	Day : 92	18.10	5.90	2.60	111.42
0139_01	10 ng/kg	Day : 92	12.54	5.30	1.98	76.18
0140_01	10 ng/kg	Day : 92	14.52	5.00	2.04	136.25
0211_01	30 ng/kg	Day : 92	17.28	4.90	1.53	74.05
0213_01	30 ng/kg	Day : 92	25.08	5.50	2.64	114.30
0214_01	30 ng/kg	Day : 92	26.45	6.00	2.19	106.84
0215_01	30 ng/kg	Day : 92	27.30	6.40	2.21	77.80
0216_01	30 ng/kg	Day : 211	13.97	4.90	2.09	143.47
0217_01	30 ng/kg	Day : 211	17.38	5.60	2.72	139.53
0218_01	30 ng/kg	Day : 211	11.95	5.20	2.80	220.93

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FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0219_01	30 ng/kg	Day : 211	16.17	3.70	1.63	140.94
0220_01	30 ng/kg	Day : 211	18.24	4.90	2.16	144.13
0257_01	30 ng/kg	Day : 211	19.43	6.30	2.75	145.13
0258_01	30 ng/kg	Day : 211	14.60	4.50	2.12	135.35
0259_01	30 ng/kg	Day : 211	12.89	6.70	2.60	144.58
0260_01	30 ng/kg	Day : 211	17.30	3.90	1.25	122.11
0271_01	30 ng/kg	Day : 365	29.61	4.40	2.54	184.53
0272_01	30 ng/kg	Day : 365	13.54	3.80	1.83	162.09
0274_01	30 ng/kg	Day : 365	10.48	3.80	1.73	148.91
0276_01	30 ng/kg	Day : 92	11.17	6.00	2.36	80.89
0277_01	30 ng/kg	Day : 92	19.45	5.20	1.91	92.58
0278_01	30 ng/kg	Day : 92	22.31	6.10	2.43	76.74
0279_01	30 ng/kg	Day : 92	33.94	6.10	2.59	159.20
0280_01	30 ng/kg	Day : 92	18.70	4.90	2.02	100.57
0281_01	30 ng/kg	Day : 365	18.65	3.40	1.67	145.29
0282_01	30 ng/kg	Day : 365	13.86	3.70	1.57	105.76
0283_01	30 ng/kg	Day : 365	18.84	3.10	1.59	147.47
0284_01	30 ng/kg	Day : 365	13.83	4.00	1.57	108.38
0285_01	30 ng/kg	Day : 365	17.82	3.20	1.72	133.92
0326_01	100 ng/kg	Day : 365	16.55	3.30	1.29	136.39
0327_01	100 ng/kg	Day : 365	25.28	3.20	1.88	182.99

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0328_01	100 ng/kg	Day : 365	26.39	3.30	1.74	174.72
0329_01	100 ng/kg	Day : 365	15.09	5.30	2.00	148.28
0330_01	100 ng/kg	Day : 365	18.03	2.90	1.38	140.67
0341_01	100 ng/kg	Day : 211	15.51	4.20	2.06	164.83
0342_01	100 ng/kg	Day : 211	22.09	4.70	2.04	186.73
0343_01	100 ng/kg	Day : 211	10.64	4.50	2.52	163.30
0344_01	100 ng/kg	Day : 211	12.28	4.10	2.09	150.51
0345_01	100 ng/kg	Day : 211	26.90	4.30	2.20	162.46
0358_01	100 ng/kg	Day : 365	30.85	4.00	1.95	176.87
0359_01	100 ng/kg	Day : 365	16.20	3.60	1.73	186.22
0360_01	100 ng/kg	Day : 365	28.98	3.40	1.71	164.13
0361_01	100 ng/kg	Day : 92	12.18	4.00	1.94	113.07
0362_01	100 ng/kg	Day : 92	14.65	4.60	2.22	123.06
0363_01	100 ng/kg	Day : 92	15.69	3.80	2.25	129.96
0364_01	100 ng/kg	Day : 92	20.47	7.00	2.99	153.25
0365_01	100 ng/kg	Day : 92	15.84	3.40	1.77	124.41
0366_01	100 ng/kg	Day : 211	16.27	3.90	2.29	202.09
0367_01	100 ng/kg	Day : 211	10.21	4.00	2.26	168.83
0368_01	100 ng/kg	Day : 211	14.20	4.30	2.06	195.12
0369_01	100 ng/kg	Day : 211	9.82	4.30	1.87	155.20
0370_01	100 ng/kg	Day : 211	13.49	3.60	1.52	154.25

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Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0376_01	100 ng/kg	Day : 92	20.94	5.60	3.10	185.72
0377_01	100 ng/kg	Day : 92	29.84	5.20	1.98	107.14
0378_01	100 ng/kg	Day : 92	11.56	4.10	1.89	99.03
0379_01	100 ng/kg	Day : 92	25.98	5.60	2.55	127.11
0380_01	100 ng/kg	Day : 92	22.60	5.50	2.11	113.13
0426_01	175 ng/kg	Day : 211	20.39	5.70	2.68	158.55
0427_01	175 ng/kg	Day : 211	16.69	3.10	1.44	175.22
0428_01	175 ng/kg	Day : 211	13.48	4.10	2.20	160.34
0429_01	175 ng/kg	Day : 211	21.48	2.80	1.40	141.58
0430_01	175 ng/kg	Day : 211	13.89	3.90	1.92	168.94
0431_01	175 ng/kg	Day : 92	21.52	3.60	1.74	146.81
0432_01	175 ng/kg	Day : 92	24.87	5.90	2.41	93.45
0433_01	175 ng/kg	Day : 92	23.97	3.60	1.84	110.63
0434_01	175 ng/kg	Day : 92	19.27	4.40	2.00	115.67
0435_01	175 ng/kg	Day : 92	18.34	3.70	1.95	144.06
0456_01	175 ng/kg	Day : 92	13.53	3.40	1.56	103.60
0457_01	175 ng/kg	Day : 92	19.87	6.40	2.73	184.99
0458_01	175 ng/kg	Day : 92	14.44	3.90	1.89	144.25
0459_01	175 ng/kg	Day : 92	25.74	4.50	1.92	108.81
0460_01	175 ng/kg	Day : 92	22.78	4.40	1.96	171.52
0461_01	175 ng/kg	Day : 211	10.84	3.10	1.73	152.27

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FEMALE

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0462_01	175 ng/kg	Day : 211	8.90	4.70	2.25	156.35
0463_01	175 ng/kg	Day : 211	14.16	3.30	1.82	207.07
0464_01	175 ng/kg	Day : 211	11.43	3.80	1.78	153.70
0465_01	175 ng/kg	Day : 211	15.14	3.20	1.93	199.35
0466_01	175 ng/kg	Day : 365	11.99	2.90	1.35	184.17
0467_01	175 ng/kg	Day : 365	14.56	4.00	1.53	168.28
0468_01	175 ng/kg	Day : 365	16.91	3.70	1.75	178.61
0476_01	175 ng/kg	Day : 365	21.32	2.60	1.16	141.77
0477_01	175 ng/kg	Day : 365	22.47	1.60	1.17	162.42
0478_01	175 ng/kg	Day : 365	17.77	2.20	1.38	165.77
0479_01	175 ng/kg	Day : 365	14.37	2.50	1.35	160.60
0480_01	175 ng/kg	Day : 365	16.44	2.90	1.53	161.74
0501_01	300 ng/kg	Day : 211	13.00	4.30	2.10	188.86
0502_01	300 ng/kg	Day : 211	20.01	3.60	1.75	160.81
0503_01	300 ng/kg	Day : 211	11.29	4.70	2.45	203.45
0504_01	300 ng/kg	Day : 211	20.63	2.40	1.29	188.32
0505_01	300 ng/kg	Day : 211	12.78	2.70	1.22	155.80
0511_01	300 ng/kg	Day : 211	12.68	3.10	1.44	146.49
0512_01	300 ng/kg	Day : 211	12.01	3.60	2.30	190.43
0513_01	300 ng/kg	Day : 211	26.02	4.00	2.30	192.44
0514_01	300 ng/kg	Day : 211	16.70	3.20	1.64	189.93



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**FEMALE**

Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0515_01	300 ng/kg	Day : 211	11.15	3.30	1.73	165.44
0546_01	300 ng/kg	Day : 92	19.00	2.80	1.26	106.97
0547_01	300 ng/kg	Day : 92	24.04	3.60	1.83	131.33
0548_01	300 ng/kg	Day : 92	15.66	4.00	1.72	121.15
0549_01	300 ng/kg	Day : 92	21.22	4.80	2.38	154.60
0550_01	300 ng/kg	Day : 92	15.94	4.20	1.99	140.79
0556_01	300 ng/kg	Day : 365	13.63	2.00	1.02	166.21
0558_01	300 ng/kg	Day : 365	14.10	2.80	1.71	183.84
0560_01	300 ng/kg	Day : 365	11.46	3.00	1.44	154.09
0566_01	300 ng/kg	Day : 365	18.64	4.00	1.95	190.41
0567_01	300 ng/kg	Day : 365	22.05	2.70	1.32	157.75
0568_01	300 ng/kg	Day : 365	10.24	3.10	1.35	145.12
0569_01	300 ng/kg	Day : 365	17.78	4.10	1.98	192.77
0570_01	300 ng/kg	Day : 365	27.25	2.80	1.50	190.78
0591_01	300 ng/kg	Day : 92	37.81	6.10	2.14	122.54
0592_01	300 ng/kg	Day : 92	27.21	4.30	1.89	137.33
0593_01	300 ng/kg	Day : 92	12.61	3.90	2.22	157.14
0594_01	300 ng/kg	Day : 92	22.84	4.00	2.04	114.22
0595_01	300 ng/kg	Day : 92	11.94	5.60	2.42	133.09
0617_01	550 ng/kg	Day : 365	29.17	2.10	1.51	196.73
0618_01	550 ng/kg	Day : 365	15.04	2.80	1.52	180.96

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**FEMALE**

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Animal No.	Dose	Time In Study	Thyroid Stimulating Hormone ng per dL	Thyroxine ug per dL	Thyroxine Free ng per dL	Triiodothyronine ng per dL
0620_01	550 ng/kg	Day : 365	20.83	2.30	1.39	173.03
0626_01	550 ng/kg	Day : 211	18.01	1.50	0.30	135.38
0627_01	550 ng/kg	Day : 211	21.45	2.50	1.09	156.36
0628_01	550 ng/kg	Day : 211	13.98	2.10	1.03	115.20
0629_01	550 ng/kg	Day : 211	14.55	3.20	1.82	189.04
0630_01	550 ng/kg	Day : 211	25.24	4.10	2.00	190.45
0641_01	550 ng/kg	Day : 211	12.56	3.40	1.59	161.58
0642_01	550 ng/kg	Day : 211	19.23	3.70	2.24	228.17
0643_01	550 ng/kg	Day : 211	13.49	2.70	1.28	164.87
0644_01	550 ng/kg	Day : 211	12.37	2.20	1.15	170.50
0645_01	550 ng/kg	Day : 211	15.55	2.70	1.49	159.99
0656_01	550 ng/kg	Day : 92	32.77	2.90	1.52	149.73
0657_01	550 ng/kg	Day : 92	11.53	2.90	1.27	81.56
0658_01	550 ng/kg	Day : 92	28.58	3.90	1.65	114.09
0659_01	550 ng/kg	Day : 92	24.51	5.80	2.51	155.58
0660_01	550 ng/kg	Day : 92	22.31	4.00	2.14	142.12
0676_01	550 ng/kg	Day : 92	24.05	3.10	1.77	196.16
0677_01	550 ng/kg	Day : 92	19.29	2.70	1.65	168.39
0678_01	550 ng/kg	Day : 92	22.57	3.90	1.90	131.93
0679_01	550 ng/kg	Day : 92	9.14	3.60	1.89	166.91
0680_01	550 ng/kg	Day : 92	31.36	3.80	1.89	158.55

## FEMALE

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0691_01	550 ng/kg	Day : 365	24.75	2.00	0.91	142.26
0692_01	550 ng/kg	Day : 365	19.55	3.40	1.53	159.52
0693_01	550 ng/kg	Day : 365	16.09	3.10	1.60	165.83
0694_01	550 ng/kg	Day : 365	28.11	2.80	1.23	177.20
0695_01	550 ng/kg	Day : 365	20.83	3.60	1.53	135.34
0726_01	1000 ng/kg	Day : 211	27.53	3.10	1.42	196.88
0727_01	1000 ng/kg	Day : 211	20.67	3.40	1.45	200.08
0728_01	1000 ng/kg	Day : 211	20.74	1.80	0.92	174.37
0729_01	1000 ng/kg	Day : 211	18.57	3.10	1.30	161.67
0730_01	1000 ng/kg	Day : 211	16.08	3.90	1.72	185.60
0741_01	1000 ng/kg	Day : 92	14.76	2.90	1.19	100.53
0742_01	1000 ng/kg	Day : 92	33.75	5.20	2.54	168.37
0743_01	1000 ng/kg	Day : 92	22.13	4.20	1.80	172.19
0744_01	1000 ng/kg	Day : 92	35.31	4.40	2.05	183.87
0745_01	1000 ng/kg	Day : 92	16.42	2.60	1.16	135.75
0746_01	1000 ng/kg	Day : 365	22.52	2.70	2.13	221.28
0747_01	1000 ng/kg	Day : 365	12.54	2.40	0.98	118.97
0748_01	1000 ng/kg	Day : 365	9.24	2.30	1.09	155.41
0749_01	1000 ng/kg	Day : 365	19.99	2.80	1.27	180.85
0750_01	1000 ng/kg	Day : 365	16.82	4.10	1.48	135.78
0812_01	1000 ng/kg	Day : 365	20.24	2.70	1.18	177.86

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0813_01	1000 ng/kg	Day : 365	37.35	1.30	1.08	214.82
0814_01	1000 ng/kg	Day : 365	16.08	3.70	1.64	176.46
0816_01	1000 ng/kg	Day : 211	13.33	4.70	2.14	138.72
0817_01	1000 ng/kg	Day : 211	26.61	4.10	1.80	173.87
0818_01	1000 ng/kg	Day : 211	18.02	3.30	1.21	157.41
0819_01	1000 ng/kg	Day : 211	14.83	2.80	1.15	129.42
0820_01	1000 ng/kg	Day : 211	10.64	2.10	0.93	137.76
0831_01	1000 ng/kg	Day : 92	15.89	2.60	1.31	134.70
0832_01	1000 ng/kg	Day : 92	22.16	3.60	1.64	143.86
0833_01	1000 ng/kg	Day : 92	21.70	1.50	1.05	197.23
0834_01	1000 ng/kg	Day : 92	53.59	2.30	1.56	207.39
0835_01	1000 ng/kg	Day : 92	32.06	3.20	1.67	186.76

\*\* END OF REPORT \*\*