

Experiment Number: 93027-32
Species/Strain: Rat/Sprague-Dawley

P42: Clinical Chemistry Data

Date Report Requested: 10/26/2014
Time Report Requested: 06:10:58
First Dose M/F: NA / NA
Lab: NA

| | |
|-----------------------------|---------|
| C Number: | C93027D |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Male |

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MALE

| Animal No. | Dose | Time In Study | ALP IU per L | ALT IU per L | Bile Acids Per G Tissue umol per g | Cholesterol mg per dL |
|------------|---------|---------------|--------------|--------------|------------------------------------|-----------------------|
| 1466_32 | 0 ppm | Day : 34 | 619 | 86 | 49 | 107 |
| 1467_32 | 0 ppm | Day : 34 | 584 | 55 | 43 | 136 |
| 1468_32 | 0 ppm | Day : 34 | 604 | 85 | 62 | 112 |
| 1469_32 | 0 ppm | Day : 34 | 635 | 71 | 76 | 135 |
| 1470_32 | 0 ppm | Day : 34 | 635 | 54 | 52 | 106 |
| 1481_32 | 5 ppm | Day : 34 | 745 | 76 | 42 | 125 |
| 1482_32 | 5 ppm | Day : 34 | 945 | 82 | 96 | 140 |
| 1483_32 | 5 ppm | Day : 34 | 761 | 76 | 40 | 92 |
| 1484_32 | 5 ppm | Day : 34 | 617 | 263 | 49 | 114 |
| 1485_32 | 5 ppm | Day : 34 | 813 | 66 | 42 | 99 |
| 1496_32 | 10 ppm | Day : 34 | 879 | 114 | 81 | 107 |
| 1497_32 | 10 ppm | Day : 34 | 981 | 71 | 84 | 110 |
| 1498_32 | 10 ppm | Day : 34 | 1054 | 335 | 88 | 121 |
| 1499_32 | 10 ppm | Day : 34 | 928 | 110 | 49 | 113 |
| 1500_32 | 10 ppm | Day : 34 | 738 | 76 | 157 | 113 |
| 1511_32 | 50 ppm | Day : 34 | 1264 | 102 | 69 | 112 |
| 1512_32 | 50 ppm | Day : 34 | 1815 | 94 | 74 | 105 |
| 1513_32 | 50 ppm | Day : 34 | 1240 | 89 | 82 | 109 |
| 1514_32 | 50 ppm | Day : 34 | 1373 | 97 | 69 | 99 |
| 1515_32 | 50 ppm | Day : 34 | 1084 | 90 | 125 | 121 |
| 1526_32 | 100 ppm | Day : 34 | 1377 | 94 | 133 | 116 |
| 1527_32 | 100 ppm | Day : 34 | 1351 | 187 | 136 | 101 |

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MALE

| Animal No. | Dose | Time In Study | ALP IU per L | ALT IU per L | Bile Acids Per G Tissue umol per g | Cholesterol mg per dL |
|------------|---------|---------------|-----------------|-----------------|--|--------------------------|
| 1528_32 | 100 ppm | Day : 34 | 1478 | 98 | 235 | 98 |
| 1529_32 | 100 ppm | Day : 34 | 1374 | 85 | 126 | 98 |
| 1530_32 | 100 ppm | Day : 34 | 1327 | 85 | 135 | 126 |
| 1541_32 | 500 ppm | Day : 34 | 2034 | 97 | 164 | 101 |
| 1542_32 | 500 ppm | Day : 34 | 2018 | 91 | 187 | 128 |
| 1543_32 | 500 ppm | Day : 34 | 1825 | 316 | 147 | 126 |
| 1544_32 | 500 ppm | Day : 34 | 1222 | 125 | 263 | 104 |
| 1545_32 | 500 ppm | Day : 34 | 1634 | 100 | 156 | 103 |

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MALE

| Animal No. | Dose | Time In Study | Estradiol pg per mL | Follicle Stimulating Hormone ng per mL | Luteinizing Hormone ng per mL | SDH IU per L |
|------------|---------|---------------|---------------------|--|-------------------------------|--------------|
| 1466_32 | 0 ppm | Day : 34 | 91.48 | 7.51 | 0.2 | 20 |
| 1467_32 | 0 ppm | Day : 34 | 105.57 | 6.08 | 0.3 | 19 |
| 1468_32 | 0 ppm | Day : 34 | 101.03 | 8.18 | 0.14 | 20 |
| 1469_32 | 0 ppm | Day : 34 | 109.22 | 7.02 | 0.37 | 24 |
| 1470_32 | 0 ppm | Day : 34 | 96.44 | 8.32 | 0.4 | 18 |
| 1481_32 | 5 ppm | Day : 34 | 125.48 | 10.79 | 0.66 | 18 |
| 1482_32 | 5 ppm | Day : 34 | 113.92 | 8.33 | 0.53 | 18 |
| 1483_32 | 5 ppm | Day : 34 | 116.4 | 10.05 | 1.06 | 19 |
| 1484_32 | 5 ppm | Day : 34 | 99.01 | 12.1 | 1.08 | 55 |
| 1485_32 | 5 ppm | Day : 34 | 112.65 | 6.76 | 0 | 14 |
| 1496_32 | 10 ppm | Day : 34 | 107.66 | 7.73 | 0.52 | 27 |
| 1497_32 | 10 ppm | Day : 34 | 116.66 | 8.15 | 0.73 | 20 |
| 1498_32 | 10 ppm | Day : 34 | 117.81 | 8.83 | 0.64 | 153 |
| 1499_32 | 10 ppm | Day : 34 | 104.3 | 6.54 | 0.63 | 31 |
| 1500_32 | 10 ppm | Day : 34 | 113.14 | 7.94 | 0.62 | 20 |
| 1511_32 | 50 ppm | Day : 34 | 120.2 | 7.75 | 0.68 | 40 |
| 1512_32 | 50 ppm | Day : 34 | 113.77 | 9.11 | 0.95 | 24 |
| 1513_32 | 50 ppm | Day : 34 | 123.7 | 11.47 | 0.6 | 38 |
| 1514_32 | 50 ppm | Day : 34 | 85.85 | 7.59 | 0.63 | 30 |
| 1515_32 | 50 ppm | Day : 34 | 98.04 | 8.71 | 0.45 | 33 |
| 1526_32 | 100 ppm | Day : 34 | 88.77 | 8.49 | 0.62 | 31 |

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MALE

| Animal No. | Dose | Time In Study | Estradiol pg per mL | Follicle Stimulating Hormone ng per mL | Luteinizing Hormone ng per mL | SDH IU per L |
|------------|---------|---------------|---------------------|--|-------------------------------|--------------|
| 1527_32 | 100 ppm | Day : 34 | 94.17 | 10.9 | 2.61 | 41 |
| 1528_32 | 100 ppm | Day : 34 | 75.54 | 11.18 | 0.83 | 25 |
| 1529_32 | 100 ppm | Day : 34 | 90.6 | 11.12 | 0.71 | 25 |
| 1530_32 | 100 ppm | Day : 34 | 91.38 | 9.01 | 0.36 | 31 |
| 1541_32 | 500 ppm | Day : 34 | 92.9 | 10.02 | 0.37 | 40 |
| 1542_32 | 500 ppm | Day : 34 | 96.6 | 8.81 | 0.2 | 20 |
| 1543_32 | 500 ppm | Day : 34 | 112.8 | 10.27 | 0.57 | 107 |
| 1544_32 | 500 ppm | Day : 34 | 80.03 | 9.18 | 1.15 | 77 |
| 1545_32 | 500 ppm | Day : 34 | 84.63 | 9.53 | 0.33 | 21 |

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Lab: NA

MALE

| Animal No. | Dose | Time In Study | Testosterone ng per mL | Triglycerides mg per dL |
|------------|---------|---------------|------------------------|-------------------------|
| 1466_32 | 0 ppm | Day : 34 | 1.03 | 75 |
| 1467_32 | 0 ppm | Day : 34 | 3.64 | 117 |
| 1468_32 | 0 ppm | Day : 34 | 3.56 | 65 |
| 1469_32 | 0 ppm | Day : 34 | 3.08 | 109 |
| 1470_32 | 0 ppm | Day : 34 | 3.87 | 96 |
| 1481_32 | 5 ppm | Day : 34 | 2.46 | 131 |
| 1482_32 | 5 ppm | Day : 34 | 5.85 | 90 |
| 1483_32 | 5 ppm | Day : 34 | 0.29 | 84 |
| 1484_32 | 5 ppm | Day : 34 | 1.6 | 90 |
| 1485_32 | 5 ppm | Day : 34 | 1.05 | 108 |
| 1496_32 | 10 ppm | Day : 34 | 1.47 | 80 |
| 1497_32 | 10 ppm | Day : 34 | 1.11 | 142 |
| 1498_32 | 10 ppm | Day : 34 | 2 | 146 |
| 1499_32 | 10 ppm | Day : 34 | 2.32 | 131 |
| 1500_32 | 10 ppm | Day : 34 | 0.66 | 127 |
| 1511_32 | 50 ppm | Day : 34 | 0.48 | 126 |
| 1512_32 | 50 ppm | Day : 34 | 1.84 | 108 |
| 1513_32 | 50 ppm | Day : 34 | 5.58 | 128 |
| 1514_32 | 50 ppm | Day : 34 | 0 | 98 |
| 1515_32 | 50 ppm | Day : 34 | 0 | 128 |
| 1526_32 | 100 ppm | Day : 34 | 1.25 | 120 |
| 1527_32 | 100 ppm | Day : 34 | 0.01 | 102 |

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Lab: NA

MALE

| Animal No. | Dose | Time In Study | Testosterone ng per mL | Triglycerides mg per dL |
|------------|---------|---------------|---------------------------|----------------------------|
| 1528_32 | 100 ppm | Day : 34 | 2.23 | 91 |
| 1529_32 | 100 ppm | Day : 34 | 3.18 | 126 |
| 1530_32 | 100 ppm | Day : 34 | 1.92 | 117 |
| 1541_32 | 500 ppm | Day : 34 | 1.57 | 102 |
| 1542_32 | 500 ppm | Day : 34 | 0.65 | 150 |
| 1543_32 | 500 ppm | Day : 34 | 2.13 | 147 |
| 1544_32 | 500 ppm | Day : 34 | 0 | 108 |
| 1545_32 | 500 ppm | Day : 34 | 0.23 | 154 |

** END OF REPORT **