

Experiment Number: 99032-01

Species/Strain: Rat/Fischer 344

P41: Terminal Sacrifice Clinical Chemistry Data

Date Report Requested: 10/24/2014

Time Report Requested: 17:18:52

First Dose M/F: NA / NA

Lab: NA

C Number: C99032

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

Experiment Number: 99032-01

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First Dose M/F: NA / NA

Lab: NA

MALE

| Treatment Groups | Albumin g per dL | ALP IU per L | ALT IU per L | Bile Acids Per G Tissue umol per g | BUN mg per dL | Creatine Kinase IU per L |
|------------------|---------------------|-----------------|-----------------|--|------------------|-----------------------------|
|------------------|---------------------|-----------------|-----------------|--|------------------|-----------------------------|

Day 93

| | | | | | | |
|--------------------|-----------|--------------|-------------|-----------|------------|--------------|
| 0 mg/kg | 4.6 ± 0.1 | 175.8 ± 15.1 | 67.2 ± 7.1 | 4.2 ± 2.8 | 14.6 ± 1.3 | 82.5 ± 28.3 |
| 9.5 mg/kg | 4.5 ± 0.1 | 181.2 ± 13.5 | 67.8 ± 12.1 | 3.4 ± 2.5 | 15.1 ± 1.2 | 95.1 ± 31.3 |
| 17.75 mg/kg | 4.5 ± 0.1 | 187.5 ± 15.2 | 67.8 ± 5.5 | 5.6 ± 4.8 | 14.7 ± 1.2 | 104.2 ± 54.5 |
| 37.5 mg/kg | 4.6 ± 0.1 | 184.2 ± 14.1 | 75.5 ± 23 | 6.7 ± 4.4 | 15.1 ± 1.3 | 88 ± 55.4 |
| 75 mg/kg | 4.5 ± 0.1 | 181 ± 15.6 | 56.4 ± 7.9 | 3.3 ± 1.7 | 13.9 ± 1.2 | 105.1 ± 75.5 |
| 150 mg/kg | 4.6 ± 0.2 | 185.3 ± 17.5 | 63.8 ± 9 | 4.3 ± 2.9 | 14.6 ± 1.7 | 83.9 ± 24.8 |

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

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MALE

| Treatment Groups | Creatinine U per L | Glucose mg per dL | Protein Total g per dL | SDH IU per L | Thyroid Stimulating Hormone ng per dL | Thyroxine ug per dL |
|------------------|--------------------|-------------------|------------------------|--------------|---------------------------------------|---------------------|
|------------------|--------------------|-------------------|------------------------|--------------|---------------------------------------|---------------------|

Day 93

| | | | | | | |
|--------------------|-----------|--------------|-----------|------------|-----------|-----------|
| 0 mg/kg | 0.6 ± 0.1 | 144.2 ± 5.9 | 7 ± 0.2 | 18.7 ± 3.2 | 8.4 ± 1.3 | 6.5 ± 0.8 |
| 9.5 mg/kg | 0.6 ± 0 | 138.7 ± 4.9 | 6.9 ± 0.2 | 19.5 ± 3.4 | 8.9 ± 1.3 | 6.3 ± 0.7 |
| 17.75 mg/kg | 0.6 ± 0.1 | 146.3 ± 20.6 | 7 ± 0.2 | 19.1 ± 3.1 | 9.9 ± 1.5 | 6 ± 0.5 |
| 37.5 mg/kg | 0.6 ± 0.1 | 149.7 ± 17.3 | 7.1 ± 0.2 | 19.4 ± 3.7 | 8.9 ± 1.3 | 6.3 ± 0.4 |
| 75 mg/kg | 0.6 ± 0 | 152 ± 20.7 | 7 ± 0.1 | 16.5 ± 1.6 | 9 ± 1.6 | 6.1 ± 0.9 |
| 150 mg/kg | 0.6 ± 0.1 | 143.3 ± 8.6 | 7.1 ± 0.3 | 18.5 ± 4.1 | 8.3 ± 1.1 | 6 ± 0.6 |

*p < 0.05

**p < 0.01

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First Dose M/F: NA / NA

Lab: NA

MALE

| Treatment Groups | Triiodothyronine ng per dL |
|------------------|----------------------------|
|------------------|----------------------------|

Day 93

| | |
|--------------------|--------------|
| 0 mg/kg | 187.7 ± 27.3 |
| 9.5 mg/kg | 192.9 ± 18.8 |
| 17.75 mg/kg | 192.7 ± 19.7 |
| 37.5 mg/kg | 189.7 ± 16.8 |
| 75 mg/kg | 186.4 ± 20.2 |
| 150 mg/kg | 172.3 ± 25.4 |

*p < 0.05

**p < 0.01

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The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

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First Dose M/F: NA / NA

Lab: NA

FEMALE

| Treatment Groups | Albumin g per dL | ALP IU per L | ALT IU per L | Bile Acids Per G Tissue umol per g | BUN mg per dL | Creatine Kinase IU per L |
|------------------|---------------------|-----------------|-----------------|--|------------------|-----------------------------|
|------------------|---------------------|-----------------|-----------------|--|------------------|-----------------------------|

Day 93

| | | | | | | |
|--------------------|-----------|--------------|-------------|------------|------------|--------------|
| 0 mg/kg | 4.5 ± 0.2 | 158.8 ± 17.4 | 47.6 ± 8.2 | 8.1 ± 3.6 | 15 ± 1.5 | 82.6 ± 47.2 |
| 9.5 mg/kg | 4.6 ± 0.1 | 151.1 ± 13.7 | 61.7 ± 10.4 | 10.5 ± 5.4 | 16.3 ± 2.4 | 110.1 ± 48.5 |
| 17.75 mg/kg | 4.6 ± 0.2 | 158.8 ± 19 | 58.9 ± 13.6 | 6.7 ± 2.7 | 17 ± 2.3 | 76.1 ± 23.6 |
| 37.5 mg/kg | 4.4 ± 0.1 | 157.6 ± 18.8 | 55.2 ± 3.5 | 6.9 ± 3.7 | 15.2 ± 1.6 | 96.1 ± 41.8 |
| 75 mg/kg | 4.6 ± 0.2 | 162.1 ± 13.7 | 57 ± 15.3 | 7.7 ± 2.5 | 15.7 ± 2.7 | 121.4 ± 86.4 |
| 150 mg/kg | 4.6 ± 0.3 | 154.4 ± 16.7 | 54.5 ± 9.4 | 6 ± 2.4 | 15.5 ± 1.7 | 95.7 ± 42.2 |

*p < 0.05

**p < 0.01

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FEMALE

| Treatment Groups | Creatinine U per L | Glucose mg per dL | Protein Total g per dL | SDH IU per L | Thyroid Stimulating Hormone ng per dL | Thyroxine ug per dL |
|------------------|-----------------------|----------------------|---------------------------|-----------------|--|------------------------|
|------------------|-----------------------|----------------------|---------------------------|-----------------|--|------------------------|

Day 93

| | | | | | | |
|--------------------|-----------|--------------|-----------|------------|-----------|-----------|
| 0 mg/kg | 0.5 ± 0.1 | 139.2 ± 4.7 | 6.5 ± 0.4 | 15.2 ± 1.5 | 8.9 ± 1 | 4 ± 1.2 |
| 9.5 mg/kg | 0.5 ± 0.1 | 140.6 ± 8 | 6.7 ± 0.1 | 18 ± 2.7 | 7.9 ± 1.4 | 3.7 ± 1.1 |
| 17.75 mg/kg | 0.6 ± 0.1 | 148.2 ± 14.7 | 6.6 ± 0.2 | 16.8 ± 4.4 | 8.3 ± 1.4 | 3.3 ± 1 |
| 37.5 mg/kg | 0.6 ± 0.1 | 139.1 ± 10.4 | 6.4 ± 0.2 | 18.1 ± 5.3 | 8.1 ± 1.4 | 3.7 ± 0.7 |
| 75 mg/kg | 0.5 ± 0 | 138.7 ± 10 | 6.6 ± 0.3 | 16 ± 2.8 | 8.6 ± 1.1 | 3.9 ± 1.3 |
| 150 mg/kg | 0.6 ± 0.1 | 135.8 ± 9.4 | 6.6 ± 0.4 | 15.8 ± 1.9 | 9.2 ± 1.5 | 3.9 ± 0.9 |

*p < 0.05

**p < 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

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FEMALE

| Treatment Groups | Triiodothyronine ng per dL |
|------------------|----------------------------|
|------------------|----------------------------|

Day 93

| | |
|--------------------|--------------|
| 0 mg/kg | 143.8 ± 22.7 |
| 9.5 mg/kg | 157 ± 33 |
| 17.75 mg/kg | 138.7 ± 27.6 |
| 37.5 mg/kg | 136.8 ± 21.5 |
| 75 mg/kg | 149.1 ± 23.1 |
| 150 mg/kg | 132.3 ± 33.3 |

**** END OF REPORT ****

*p < 0.05

**p < 0.01

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The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.