

# **ALKA VITA DIABETES TEST**

**By**

**PCO – PreCleanOmics**

**Indianapolis, *Indiana***



**Study Number:** 04-290-001  
 11 Aug - 21 Sep  
**Date of Study:** 2004  
**Animals Used in Study:** ZDF-obese males  
**Date of Birth:** 17-Jun-04

### Glucose (mg/dl)

|                              | ANIM<br>AL | 12-Aug    |                |                |                |                | 13-<br>Aug      | 16-<br>Aug | 18-<br>Aug | 23-<br>Aug | 30-<br>Aug | 7-Sep     | 13-<br>Sep | 20-<br>Sep |
|------------------------------|------------|-----------|----------------|----------------|----------------|----------------|-----------------|------------|------------|------------|------------|-----------|------------|------------|
|                              | ID         | 0<br>TIME | 2<br>HOUR<br>S | 4<br>HOUR<br>S | 6<br>HOUR<br>S | 8<br>HOUR<br>S | 24<br>HOUR<br>S | DAY 5      | DAY 7      | DAY<br>12  | DAY<br>19  | DAY<br>28 | DAY<br>34  | DAY<br>41  |
|                              |            |           |                |                |                |                |                 |            |            |            |            |           |            |            |
| Group 1 - RO H2O             | 101        | 165       | 164            | 163            | 125            | 127            | 146             | 128        | 125        | 195        | 189        | 389       | 435        | 473        |
|                              | 102        | 243       | 195            | 147            | 191            | 179            | 205             | 162        | 163        | 269        | 328        | 485       | 531        | 533        |
|                              | 103        | 214       | 203            | 203            | 175            | 206            | 170             | 199        | 161        | 211        | 169        | 376       | 419        | 522        |
|                              | MEAN       | 207.33    | 187.33         | 171.00         | 163.67         | 170.67         | 173.67          | 163.00     | 149.67     | 225.00     | 228.67     | 416.67    | 461.67     | 509.33     |
|                              | ST<br>DEV  | 39.43     | 20.60          | 28.84          | 34.43          | 40.15          | 29.67           | 35.51      | 21.39      | 38.94      | 86.60      | 59.53     | 60.58      | 31.94      |
|                              | SEM        | 27.88     | 14.57          | 20.40          | 24.34          | 28.39          | 20.98           | 25.11      | 15.12      | 27.53      | 61.24      | 42.10     | 42.83      | 22.59      |
| Group 2 - 0.5%<br>Alka Vita  | 104        | 163       | 197            | 186            | 177            | 221            | 170             | 151        | 148        | 221        | 317        | 488       | 509        | 557        |
|                              | 105        | 333       | 310            | 250            | 159            | 200            | 337             | 208        | 176        | 356        | 386        | 506       | 522        | 554        |
|                              | 106        | 143       | 136            | 155            | 159            | 131            | 154             | 139        | 140        | 255        | 304        | 456       | 488        | 530        |
|                              | MEAN       | 213.00    | 214.33         | 197.00         | 165.00         | 184.00         | 220.33          | 166.00     | 154.67     | 277.33     | 335.67     | 483.33    | 506.33     | 547.00     |
|                              | ST<br>DEV  | 104.40    | 88.29          | 48.45          | 10.39          | 47.09          | 101.35          | 36.86      | 18.90      | 70.22      | 44.07      | 25.32     | 17.16      | 14.80      |
|                              | SEM        | 73.82     | 62.43          | 34.26          | 7.35           | 33.29          | 71.67           | 26.07      | 13.37      | 49.65      | 31.16      | 17.91     | 12.13      | 10.46      |
| Group 3 - 1.0%<br>Alka Vita  | 107        | 231       | 215            | 221            | 173            | 201            | 218             | 157        | 144        | 195        | 113        | 152       | 157        | 195        |
|                              | 108        | 126       | 111            | 117            | 129            | 147            | 129             | 127        | 134        | 137        | 125        | 144       | 133        | 144        |
|                              | 109        | 157       | 140            | 131            | 136            | 146            | 184             | 146        | 143        | 140        | 149        | 187       | 181        | 270        |
|                              | MEAN       | 171.33    | 155.33         | 156.33         | 146.00         | 164.67         | 177.00          | 143.33     | 140.33     | 157.33     | 129.00     | 161.00    | 157.00     | 203.00     |
|                              | ST<br>DEV  | 53.95     | 53.67          | 56.44          | 23.64          | 31.47          | 44.91           | 15.18      | 5.51       | 32.65      | 18.33      | 22.87     | 24.00      | 63.38      |
|                              | SEM        | 38.15     | 37.95          | 39.91          | 16.72          | 22.25          | 31.76           | 10.73      | 3.89       | 23.09      | 12.96      | 16.17     | 16.97      | 44.82      |
| Group 4 - 1.5 % Alka<br>Vita | 110        | 130       | 152            | 134            | 136            | 154            | 156             | 135        | 130        | 143        | 153        | 159       | 167        | 209        |
|                              | 111        | 293       | 254            | 179            | 212            | 211            | 249             | 186        | 311        | 397        | 440        | 558       | 576        | 583        |
|                              | 112        | 415       | 386            | 379            | 422            | 386            | 386             | 418        | 440        | 493        | 526        | 573       | 555        | 636        |
|                              | MEAN       | 279.33    | 264.00         | 230.67         | 256.67         | 250.33         | 263.67          | 246.33     | 293.67     | 344.33     | 373.00     | 430.00    | 432.67     | 476.00     |
|                              | ST<br>DEV  | 142.99    | 117.32         | 130.42         | 148.14         | 120.90         | 115.70          | 150.84     | 155.73     | 180.85     | 195.32     | 234.81    | 230.31     | 232.74     |
|                              | SEM        | 101.11    | 82.96          | 92.22          | 104.75         | 85.49          | 81.81           | 106.66     | 110.11     | 127.88     | 138.11     | 166.04    | 162.86     | 164.57     |
| Group 5 - 2.0 %<br>Alka Vita | 113        | 274       | 198            | 154            | 148            | 157            | 186             | 183        | 162        | 151        | 158        | 171       | 320        | 444        |
|                              | 114        | 147       | 154            | 171            | 316            | 197            | 166             | 152        | 133        | 138        | 190        | 354       | 385        | 449        |
|                              | 115        | 343       | 346            | 299            | 205            | 337            | 328             | 169        | 139        | 185        | 140        | 398       | 465        | 528        |
|                              | MEAN       | 254.67    | 232.67         | 208.00         | 223.00         | 230.33         | 226.67          | 168.00     | 144.67     | 158.00     | 162.67     | 307.67    | 390.00     | 473.67     |
|                              | ST<br>DEV  | 99.42     | 100.58         | 79.27          | 85.43          | 94.52          | 88.33           | 15.52      | 15.31      | 24.27      | 25.32      | 120.38    | 72.63      | 47.12      |
|                              | SEM        | 70.30     | 71.12          | 56.05          | 60.41          | 66.83          | 62.46           | 10.98      | 10.82      | 17.16      | 17.91      | 85.12     | 51.36      | 33.32      |



|                        |                      |
|------------------------|----------------------|
| Study Number:          | 04-290-001           |
| Date of Study:         | 11 Aug - 21 Sep 2004 |
| Animals Used in Study: | ZDF-obese males      |
| Date of Birth:         | 17-Jun-04            |

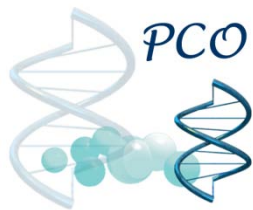
|                           | ANIMAL ID | Triglycerides (mg/dl) |        |        |        |        |         |         |         |         |
|---------------------------|-----------|-----------------------|--------|--------|--------|--------|---------|---------|---------|---------|
|                           |           | 12-Aug                |        | 16-Aug | 18-Aug | 23-Aug | 30-Aug  | 7-Sep   | 13-Sep  | 20-Sep  |
|                           |           | 0 TIME                | 8 HOUR | DAY 5  | DAY 7  | DAY 12 | DAY 19  | DAY 28  | DAY 34  | DAY 41  |
| Group 1 - RO H2O          | 101       | 256                   | 316    | 426    | 440    | 680    | 818     | 1267    | 952     | 887     |
|                           | 102       | 689                   | 683    | 609    | 503    | 683    | 908     | 923     | 1006    | 767     |
|                           | 103       | 607                   | 529    | 600    | 484    | 900    | 850     | 1078    | 1397    | 897     |
|                           | MEAN      | 517.33                | 509.33 | 545.00 | 475.67 | 754.33 | 858.67  | 1089.33 | 1118.33 | 850.33  |
|                           | ST DEV    | 230.01                | 184.29 | 103.16 | 32.32  | 126.16 | 45.62   | 172.28  | 242.84  | 72.34   |
|                           | SEM       | 162.64                | 130.31 | 72.94  | 22.85  | 89.21  | 32.26   | 121.82  | 171.71  | 51.15   |
| Group 2 - 0.5% Alka Vita  | 104       | 428                   | 378    | 388    | 491    | 692    | 1060    | 1011    | 753     | 704     |
|                           | 105       | 775                   | 922    | 656    | 601    | 1147   | 1405    | 1060    | 953     | 844     |
|                           | 106       | 373                   | 448    | 383    | 295    | 599    | 956     | 993     | 997     | 943     |
|                           | MEAN      | 525.33                | 582.67 | 475.67 | 462.33 | 812.67 | 1140.33 | 1021.33 | 901.00  | 830.33  |
|                           | ST DEV    | 217.96                | 295.95 | 156.19 | 155.00 | 293.25 | 235.03  | 34.67   | 130.05  | 120.08  |
|                           | SEM       | 154.12                | 209.27 | 110.45 | 109.60 | 207.36 | 166.19  | 24.52   | 91.96   | 84.91   |
| Group 3 - 1.0% Alka Vita  | 107       | 384                   | 509    | 383    | 576    | 536    | 854     | 1055    | 678     | 1053    |
|                           | 108       | 255                   | 435    | 261    | 357    | 427    | 474     | 419     | 523     | 615     |
|                           | 109       | 345                   | 347    | 553    | 407    | 638    | 875     | 925     | 1258    | 952     |
|                           | MEAN      | 328.00                | 430.33 | 399.00 | 446.67 | 533.67 | 734.33  | 799.67  | 819.67  | 873.33  |
|                           | ST DEV    | 66.16                 | 81.10  | 146.66 | 114.76 | 105.52 | 225.70  | 336.01  | 387.44  | 229.35  |
|                           | SEM       | 46.78                 | 57.35  | 103.70 | 81.15  | 74.61  | 159.59  | 237.60  | 273.96  | 162.18  |
| Group 4 - 1.5 % Alka Vita | 110       | 530                   | 540    | 317    | 294    | 537    | 948     | 955     | 813     | 1316    |
|                           | 111       | 580                   | 646    | 724    | 666    | 930    | 1305    | 1028    | 1042    | 971     |
|                           | 112       | 552                   | 631    | 1045   | 1042   | 1145   | 1107    | 942     | 1285    | 853     |
|                           | MEAN      | 554.00                | 605.67 | 695.33 | 667.33 | 870.67 | 1120.00 | 975.00  | 1046.67 | 1046.67 |
|                           | ST DEV    | 25.06                 | 57.36  | 364.85 | 374.00 | 308.31 | 178.85  | 46.36   | 236.03  | 240.60  |
|                           | SEM       | 17.72                 | 40.56  | 257.98 | 264.46 | 218.01 | 126.47  | 32.78   | 166.90  | 170.13  |
| Group 5 - 2.0 % Alka Vita | 113       | 628                   | 538    | 616    | 515    | 549    | 856     | 946     | 1015    | 1211    |
|                           | 114       | 325                   | 316    | 399    | 481    | 762    | 732     | 889     | 1035    | 1264    |
|                           | 115       | 565                   | 664    | 516    | 563    | 607    | 820     | 983     | 1107    | 968     |
|                           | MEAN      | 506.00                | 506.00 | 510.33 | 519.67 | 639.33 | 802.67  | 939.33  | 1052.33 | 1147.67 |
|                           | ST DEV    | 159.88                | 176.19 | 108.61 | 41.20  | 110.12 | 63.79   | 47.35   | 48.39   | 157.84  |
|                           | SEM       | 113.06                | 124.59 | 76.80  | 29.13  | 77.87  | 45.11   | 33.48   | 34.22   | 111.61  |



Study Number: 04-290-001  
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 Animals Used in Study: ZDF-obese males  
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**Cholesterol (mg/dl)**

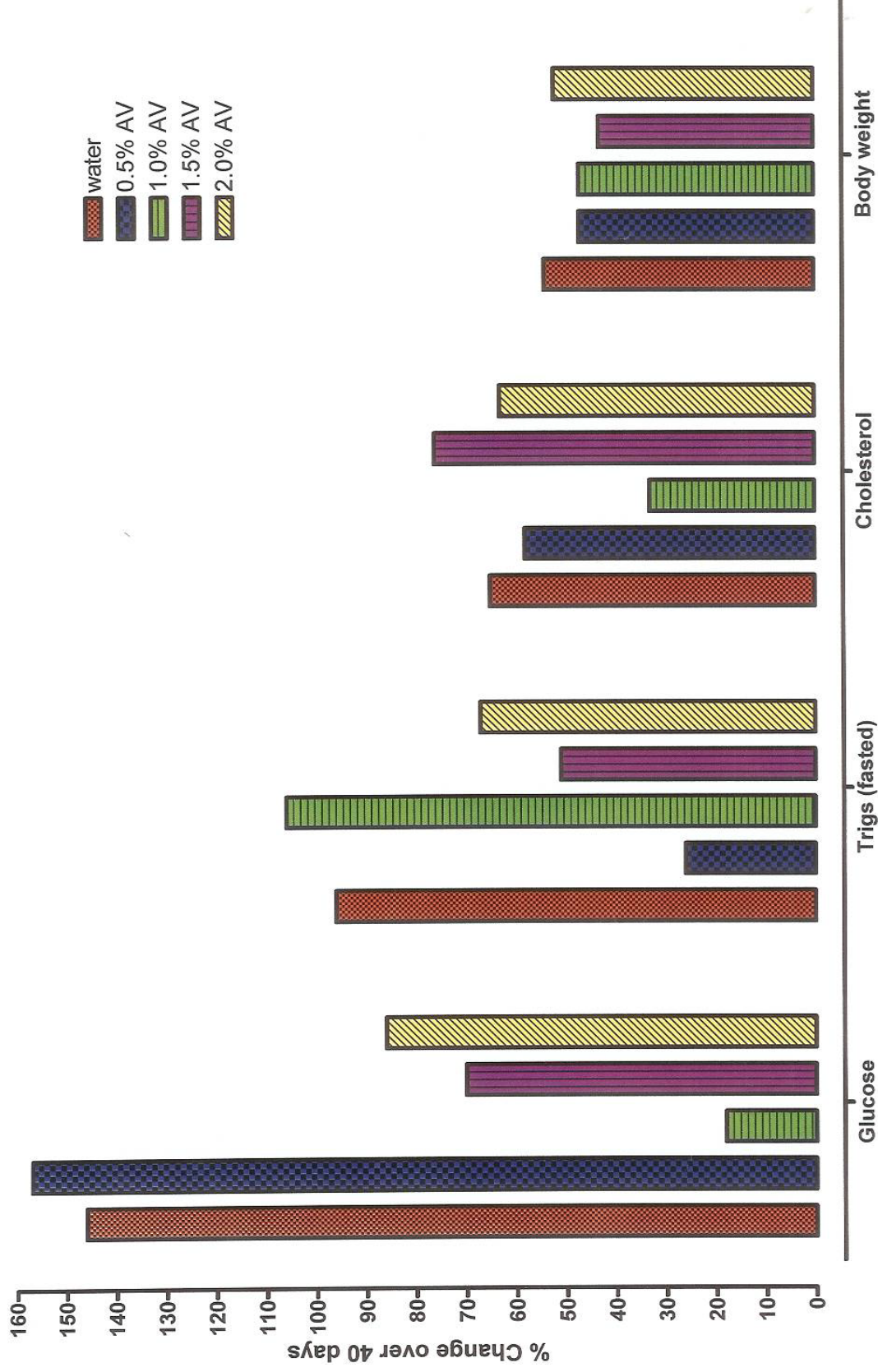
|                              |           | 12-Aug |        | 23-Aug | 30-Aug | 7-Sep  | 13-Sep | 20-Sep |
|------------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|
|                              | ANIMAL ID | 0 TIME | 8 HOUR | DAY 12 | DAY 19 | DAY 28 | DAY 34 | DAY 41 |
| Group 1 - RO<br>H2O          | 101       | 78     | 66     | 68     | 101    | 115    | 123    | 138    |
|                              | 102       | 73     | 67     | 88     | 104    | 107    | 107    | 120    |
|                              | 103       | 73     | 67     | 86     | 103    | 116    | 111    | 111    |
|                              | MEAN      | 74.67  | 66.67  | 80.67  | 102.67 | 112.67 | 113.67 | 123    |
|                              | ST DEV    | 2.89   | 0.58   | 11.02  | 1.53   | 4.93   | 8.33   | 13.75  |
|                              | SEM       | 2.04   | 0.41   | 7.79   | 1.08   | 3.49   | 5.89   | 9.72   |
| Group 2 - 0.5%<br>Alka Vita  | 104       | 66     | 60     | 81     | 95     | 110    | 88     | 116    |
|                              | 105       | 72     | 73     | 96     | 114    | 117    | 114    | 116    |
|                              | 106       | 84     | 68     | 89     | 97     | 110    | 107    | 118    |
|                              | MEAN      | 74     | 67     | 88.67  | 102    | 112.33 | 103    | 116.67 |
|                              | ST DEV    | 9.17   | 6.56   | 7.51   | 10.44  | 4.04   | 13.45  | 1.15   |
|                              | SEM       | 6.48   | 4.64   | 5.31   | 7.38   | 2.86   | 9.51   | 0.82   |
| Group 3 - 1.0%<br>Alka Vita  | 107       | 72     | 67     | 83     | 97     | 110    | 97     | 92     |
|                              | 108       | 62     | 61     | 87     | 113    | 107    | 107    | 104    |
|                              | 109       | 78     | 67     | 90     | 93     | 103    | 99     | 85     |
|                              | MEAN      | 70.67  | 65     | 86.67  | 101    | 106.67 | 101    | 93.67  |
|                              | ST DEV    | 8.08   | 3.46   | 3.51   | 10.58  | 3.51   | 5.29   | 9.61   |
|                              | SEM       | 5.72   | 2.45   | 2.48   | 7.48   | 2.48   | 3.74   | 6.79   |
| Group 4 - 1.5 %<br>Alka Vita | 110       | 78     | 69     | 88     | 91     | 97     | 93     | 93     |
|                              | 111       | 68     | 66     | 85     | 108    | 128    | 142    | 150    |
|                              | 112       | 64     | 63     | 95     | 118    | 131    | 132    | 127    |
|                              | MEAN      | 70     | 66     | 89.33  | 105.67 | 118.67 | 122.33 | 123.33 |
|                              | ST DEV    | 7.21   | 3      | 5.13   | 13.65  | 18.82  | 25.89  | 28.68  |
|                              | SEM       | 5.1    | 2.12   | 3.63   | 9.65   | 13.31  | 18.31  | 20.28  |
| Group 5 - 2.0 % Alka Vita    | 113       | 70     | 60     | 77     | 90     | 99     | 95     | 101    |
|                              | 114       | 63     | 59     | 91     | 87     | 88     | 105    | 116    |
|                              | 115       | 69     | 68     | 93     | 102    | 118    | 120    | 112    |
|                              | MEAN      | 67.33  | 62.33  | 87     | 93     | 101.67 | 106.67 | 109.67 |
|                              | ST DEV    | 3.79   | 4.93   | 8.72   | 7.94   | 15.18  | 12.58  | 7.77   |
|                              | SEM       | 2.68   | 3.49   | 6.16   | 5.61   | 10.73  | 8.9    | 5.49   |



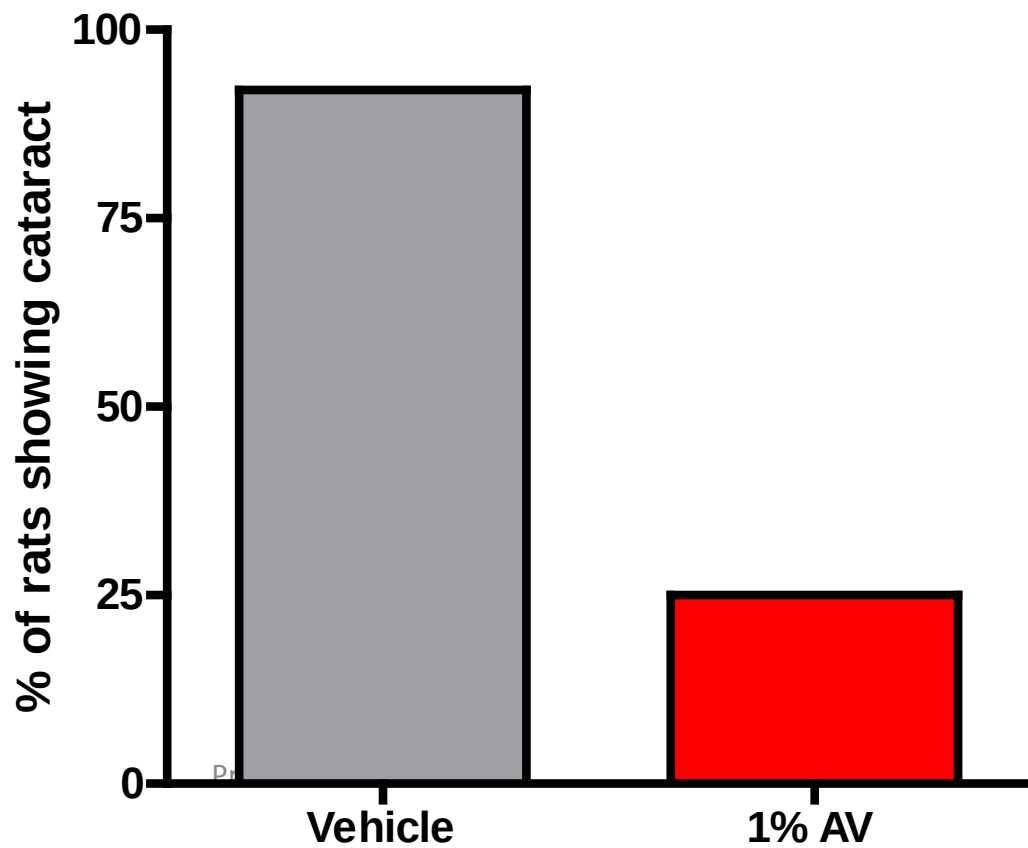
|                        |                      |
|------------------------|----------------------|
| Study Number:          | 04-290-001           |
| Date of Study:         | 11 Aug - 21 Sep 2004 |
| Animals Used in Study: | ZDF-obese males      |
| Date of Birth:         | 17-Jun-04            |

|                           |        | Body Weight (g) |        |        |        |        |        |        |        |        |
|---------------------------|--------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                           |        | 11-Aug          | 12-Aug | 18-Aug | 25-Aug | 1-Sep  | 8-Sep  | 15-Sep | 20-Sep |        |
|                           |        | ANIMAL ID       | DAY 0  | DAY 1  | DAY 7  | DAY 14 | DAY 21 | DAY 28 | DAY 35 | DAY 40 |
| Group 1 - RO H2O          | 101    | 253             | 258    | 292    | 341    | 361    | 380    | 406    | 417    |        |
|                           | 102    | 256             | 266    | 293    | 331    | 347    | 371    | 373    | 378    |        |
|                           | 103    | 261             | 265    | 290    | 333    | 350    | 374    | 394    | 397    |        |
|                           | MEAN   | 256.67          | 263.00 | 291.67 | 335.00 | 352.67 | 375.00 | 391.00 | 397.33 |        |
|                           | ST DEV | 4.04            | 4.36   | 1.53   | 5.29   | 7.37   | 4.58   | 16.70  | 19.50  |        |
|                           | SEM    | 2.86            | 3.08   | 1.08   | 3.74   | 5.21   | 3.24   | 11.81  | 13.79  |        |
| Group 2 - 0.5% Alka Vita  | 104    | 268             | 272    | 302    | 351    | 369    | 383    | 384    | 393    |        |
|                           | 105    | 279             | 282    | 306    | 344    | 358    | 373    | 384    | 385    |        |
|                           | 106    | 236             | 242    | 269    | 311    | 325    | 349    | 367    | 376    |        |
|                           | MEAN   | 261.00          | 265.33 | 292.33 | 335.33 | 350.67 | 368.33 | 378.33 | 384.67 |        |
|                           | ST DEV | 22.34           | 20.82  | 20.31  | 21.36  | 22.90  | 17.47  | 9.81   | 8.50   |        |
|                           | SEM    | 15.80           | 14.72  | 14.36  | 15.11  | 16.19  | 12.36  | 6.94   | 6.01   |        |
| Group 3 - 1.0% Alka Vita  | 107    | 259             | 264    | 296    | 333    | 353    | 381    | 405    | 415    |        |
|                           | 108    | 278             | 256    | 256    | 278    | 287    | 308    | 324    | 341    |        |
|                           | 109    | 242             | 244    | 270    | 310    | 333    | 352    | 378    | 387    |        |
|                           | MEAN   | 259.67          | 254.67 | 274.00 | 307.00 | 324.33 | 347.00 | 369.00 | 381.00 |        |
|                           | ST DEV | 18.01           | 10.07  | 20.30  | 27.62  | 33.84  | 36.76  | 41.24  | 37.36  |        |
|                           | SEM    | 12.73           | 7.12   | 14.35  | 19.53  | 23.93  | 25.99  | 29.16  | 26.42  |        |
| Group 4 - 1.5 % Alka Vita | 110    | 253             | 257    | 284    | 323    | 340    | 371    | 395    | 410    |        |
|                           | 111    | 285             | 290    | 314    | 346    | 360    | 370    | 378    | 391    |        |
|                           | 112    | 238             | 248    | 266    | 284    | 295    | 298    | 299    | 306    |        |
|                           | MEAN   | 258.67          | 265.00 | 288.00 | 317.67 | 331.67 | 346.33 | 357.33 | 369.00 |        |
|                           | ST DEV | 24.01           | 22.11  | 24.25  | 31.34  | 33.29  | 41.86  | 51.23  | 55.38  |        |
|                           | SEM    | 16.98           | 15.64  | 17.15  | 22.16  | 23.54  | 29.60  | 36.22  | 39.16  |        |
| Group 5 - 2.0 % Alka Vita | 113    | 260             | 267    | 288    | 326    | 347    | 379    | 403    | 411    |        |
|                           | 114    | 256             | 259    | 290    | 324    | 354    | 382    | 396    | 400    |        |
|                           | 115    | 246             | 244    | 261    | 296    | 320    | 335    | 346    | 349    |        |
|                           | MEAN   | 254.00          | 256.67 | 279.67 | 315.33 | 340.33 | 365.33 | 381.67 | 386.67 |        |
|                           | ST DEV | 7.21            | 11.68  | 16.20  | 16.77  | 17.95  | 26.31  | 31.09  | 33.08  |        |
|                           | SEM    | 5.10            | 8.26   | 11.45  | 11.86  | 12.70  | 18.61  | 21.98  | 23.39  |        |

04-290-001



## PCO-052: Effect of Alka Vita on Cataract



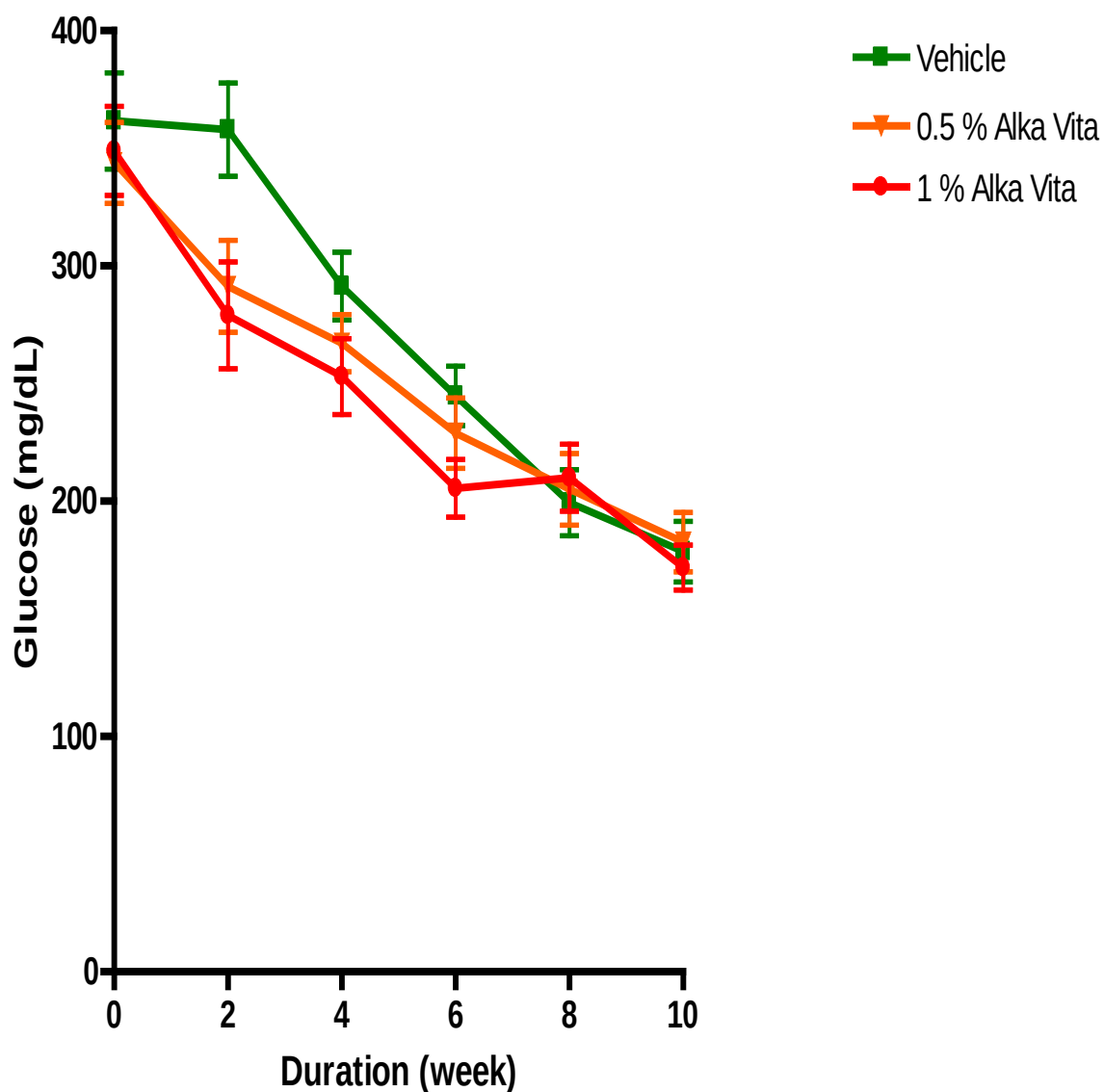
## PCO-052: Effect of Alka Vita on Cataract

| Vehicle    |           |  | 1% AV    |           |
|------------|-----------|--|----------|-----------|
| Cateract   |           |  | Cateract |           |
| Left eye   | Right eye |  | Left eye | Right eye |
|            |           |  |          |           |
|            |           |  |          |           |
| A          |           |  |          |           |
|            | A         |  |          |           |
| A          |           |  |          |           |
| Terminated |           |  |          |           |
| A          | A         |  |          |           |
| C          | B         |  |          |           |
| B          | B         |  |          |           |
| B          | A         |  |          |           |
| Dead       |           |  |          |           |
| B          | C         |  | B        | B         |
| B          | C         |  | B        |           |
| C          | C         |  | A        | B         |
|            |           |  |          |           |

**Grading from A-D, A the lowest, D the highest  
Observation on week 20, 8 weeks after metformin  
treatment**

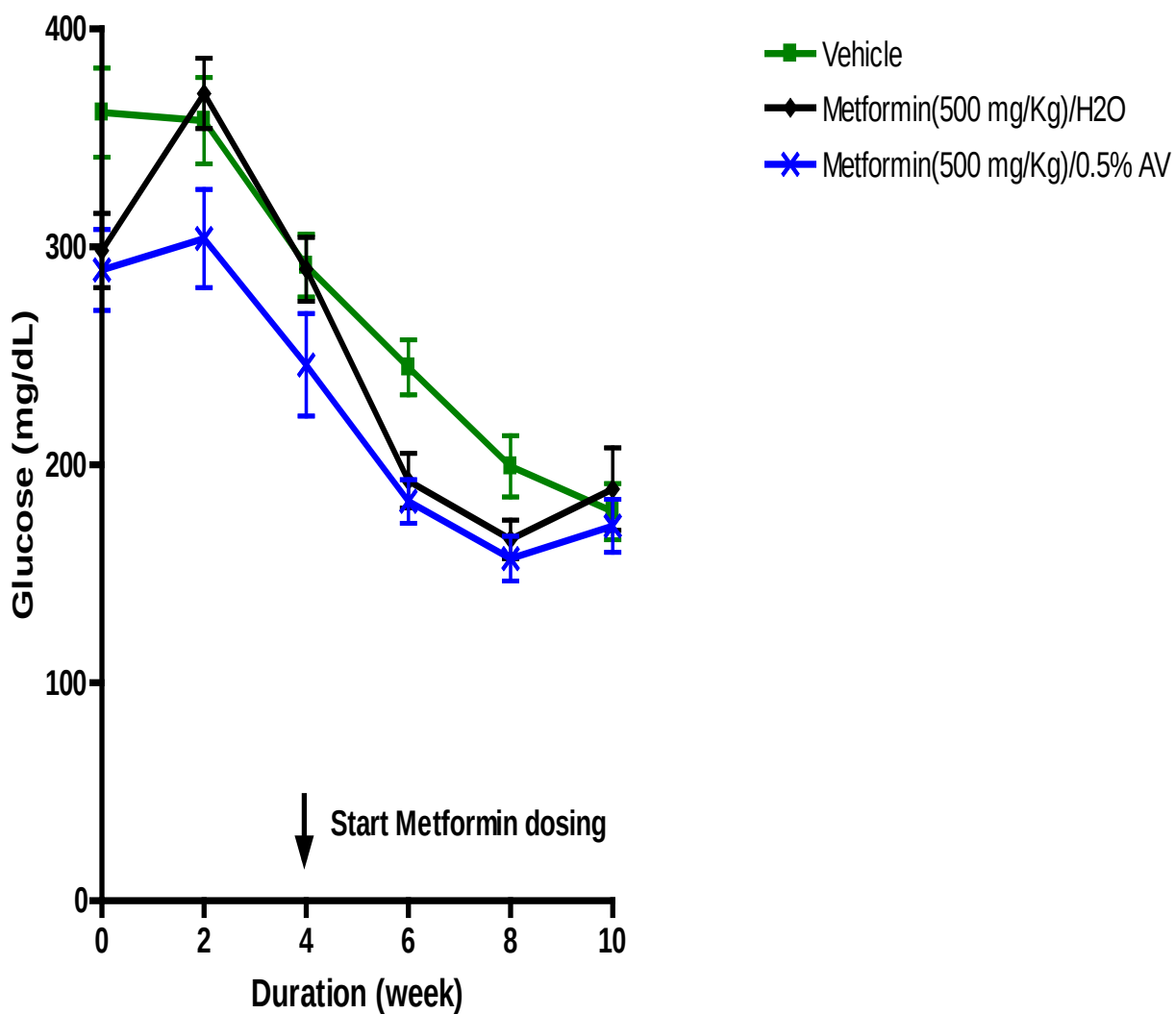


**PCO-061: Effect of Alka Vita on Glucose**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)  
Start Oral gavaging at week 4



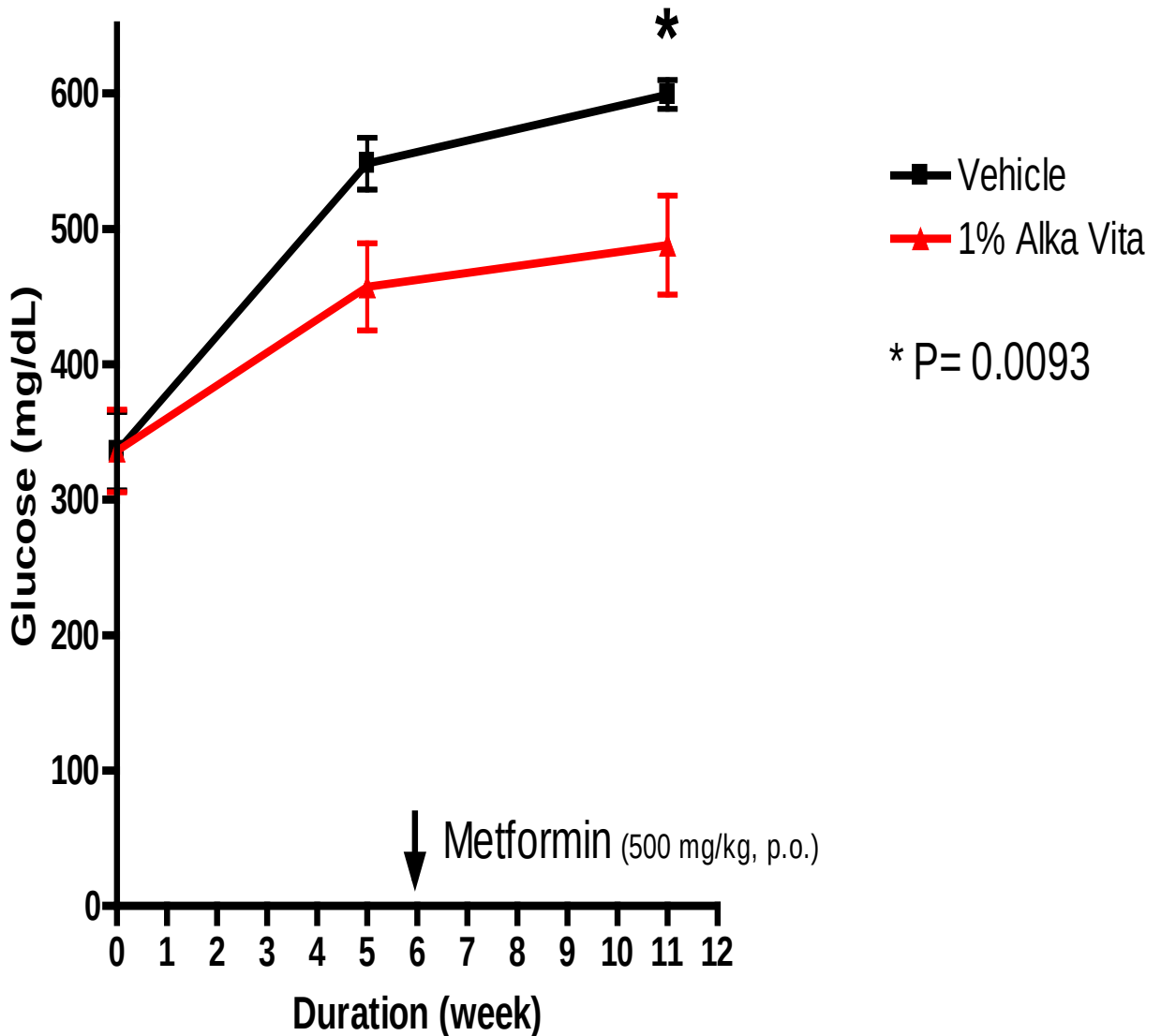
## PCO-061: Effect of Alka Vita on Glucose

(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)

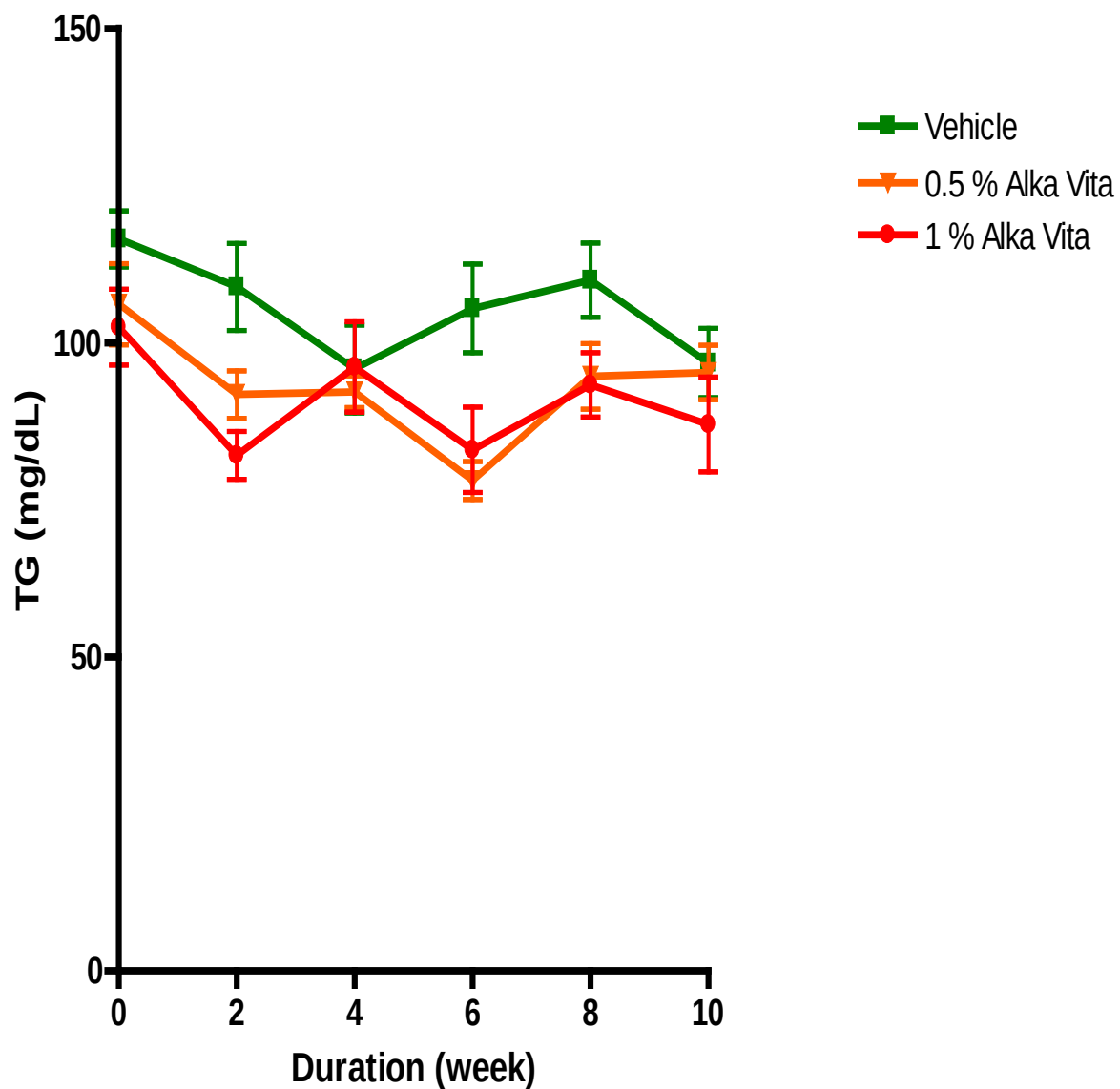


## PCO 052: Effect of Alka Vita on Fed Glucose

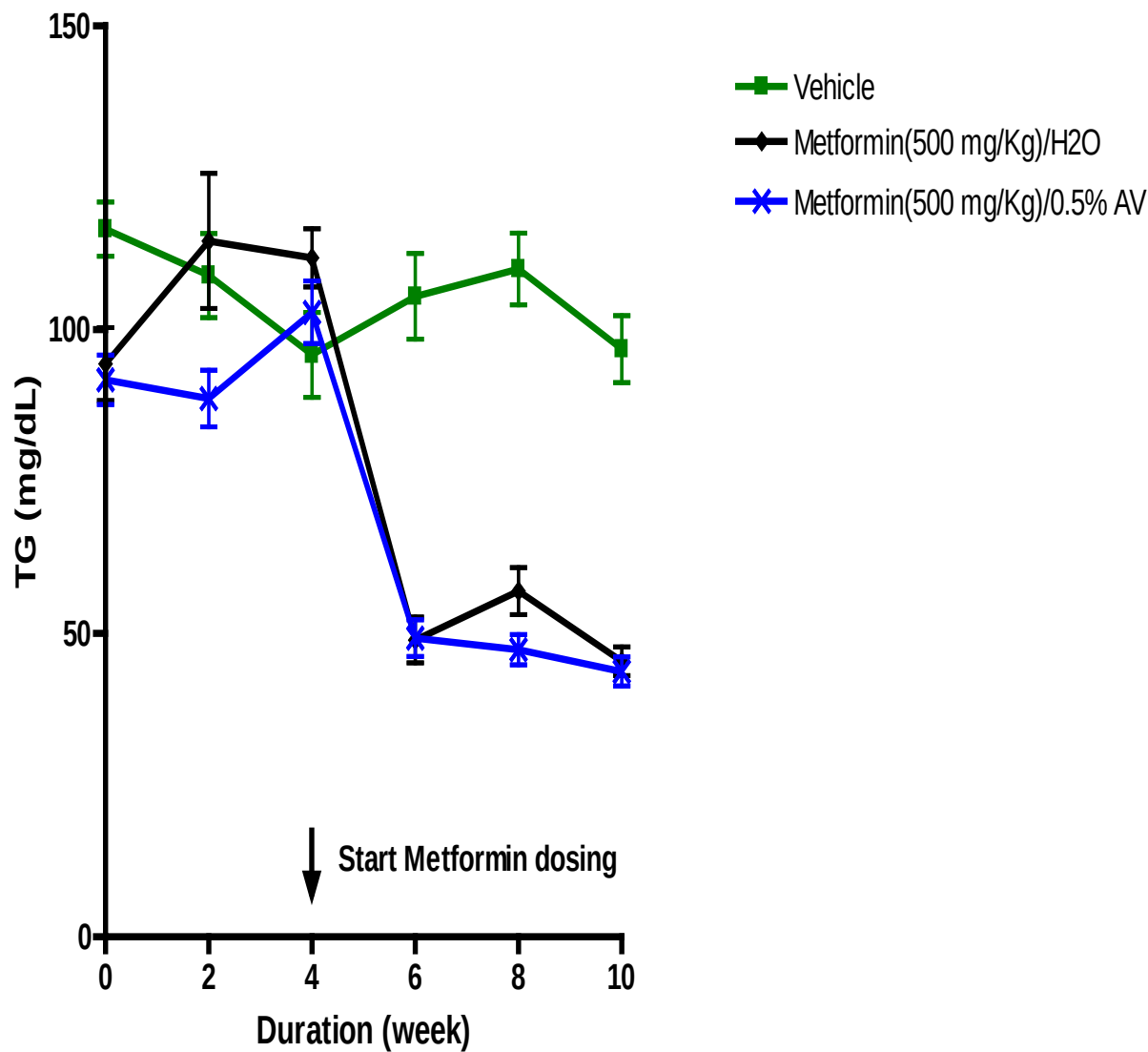
(ZDF obese male rat starting at 11 weeks old; starting n=15)



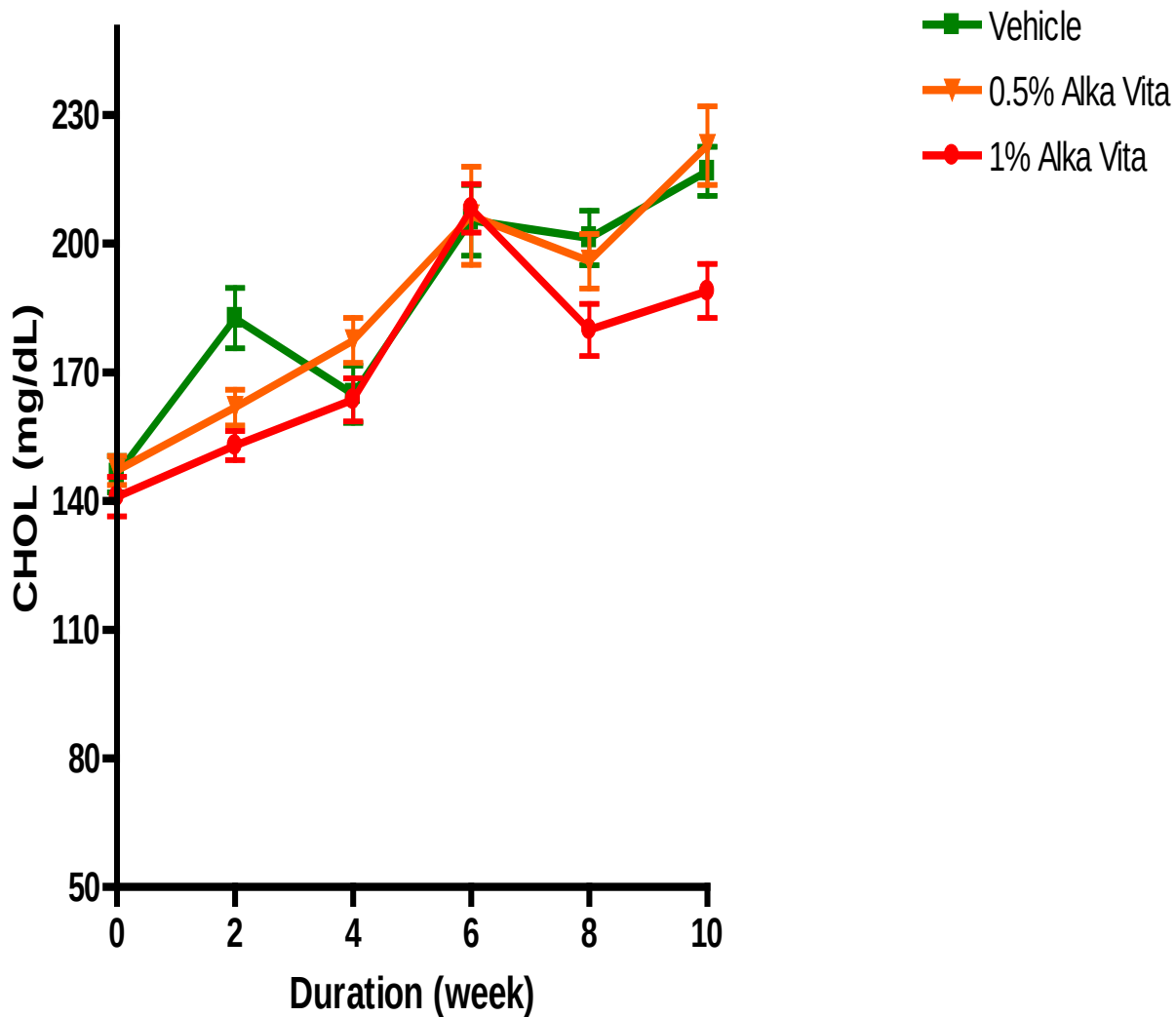
**PCO-061: Effect of Alka Vita on Triglyceride**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)



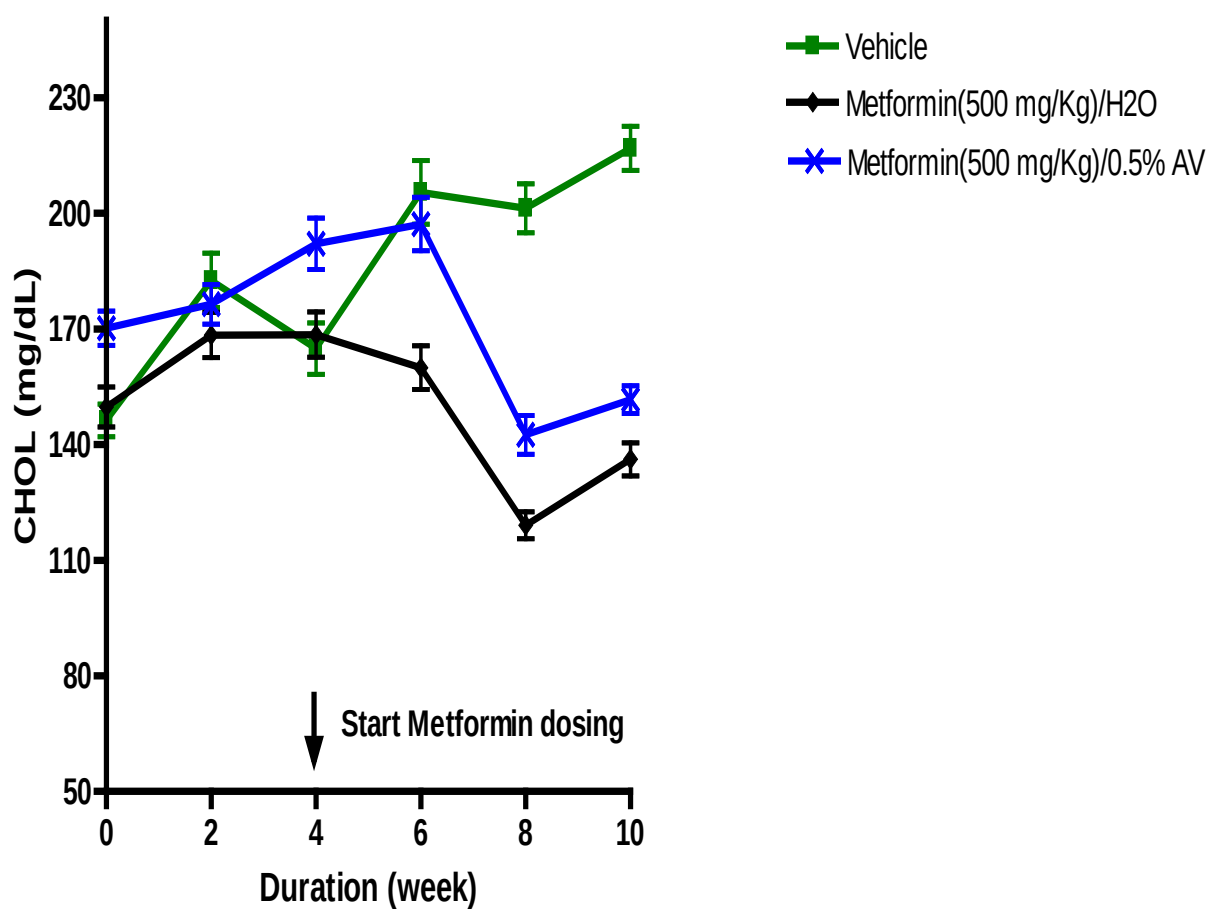
**PCO-061: Effect of Alka Vita on Triglyceride**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)



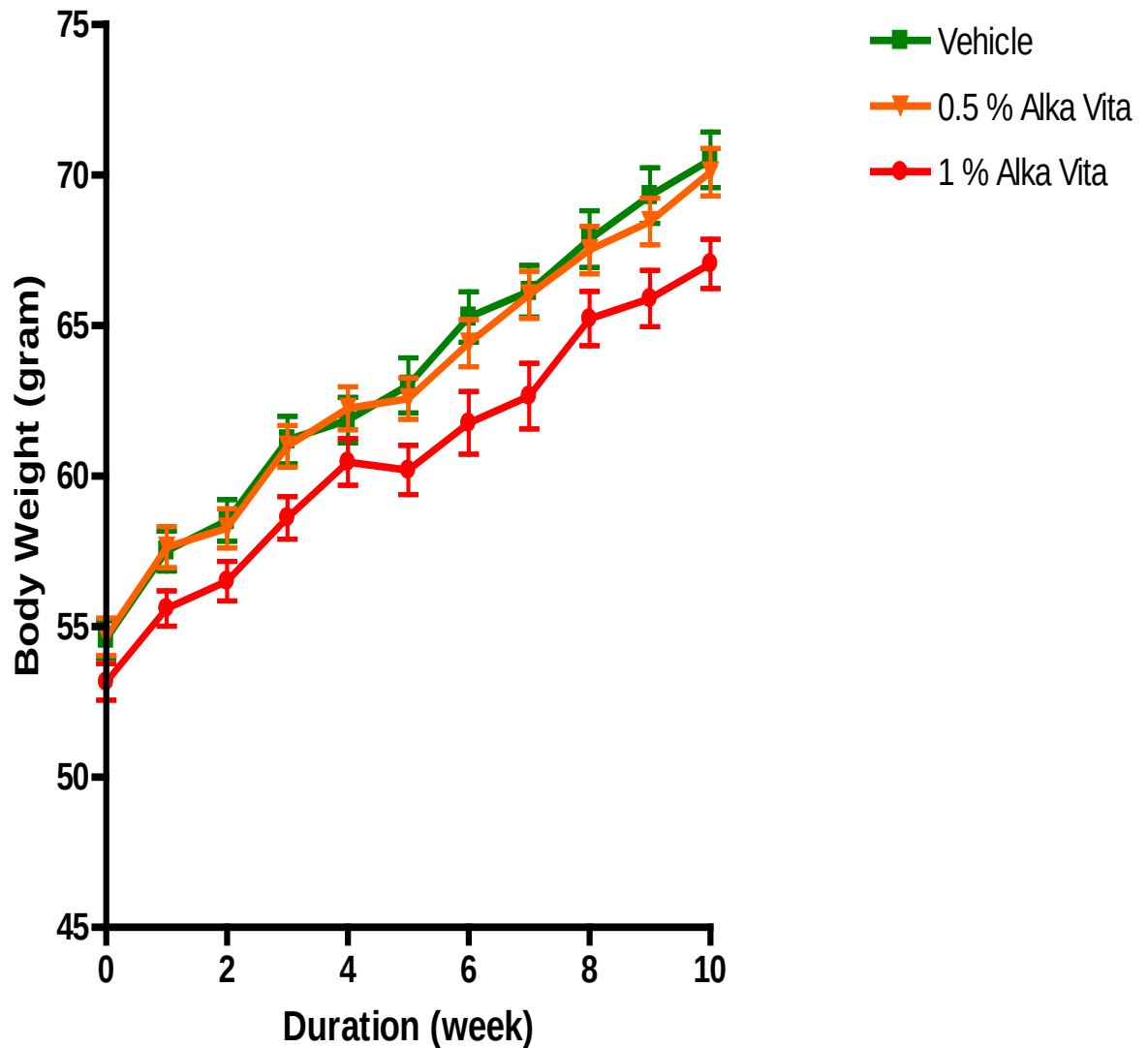
**PCO-061: Effect of Alka Vita on Cholesterol**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)  
Start Oral gavaging at week 4



**PCO-061: Effect of Alka Vita on Cholesterol**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)

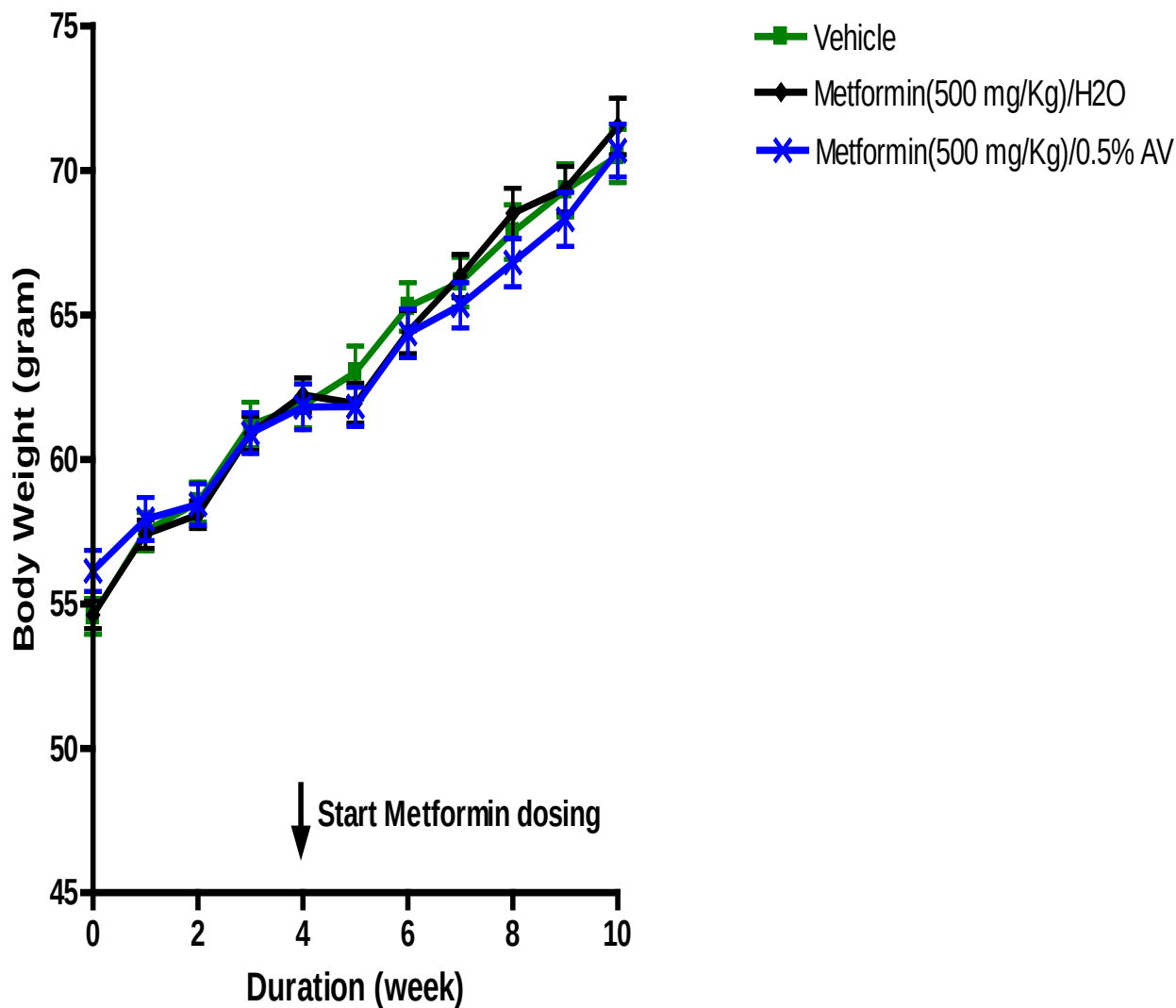


**PCO-061: Effect of Alka Vita on Body Weight**  
(B6.V-Lep<sup>OB</sup>/J male mouse, starting at 11 weeks old)  
Start Oral gavaging at week 4

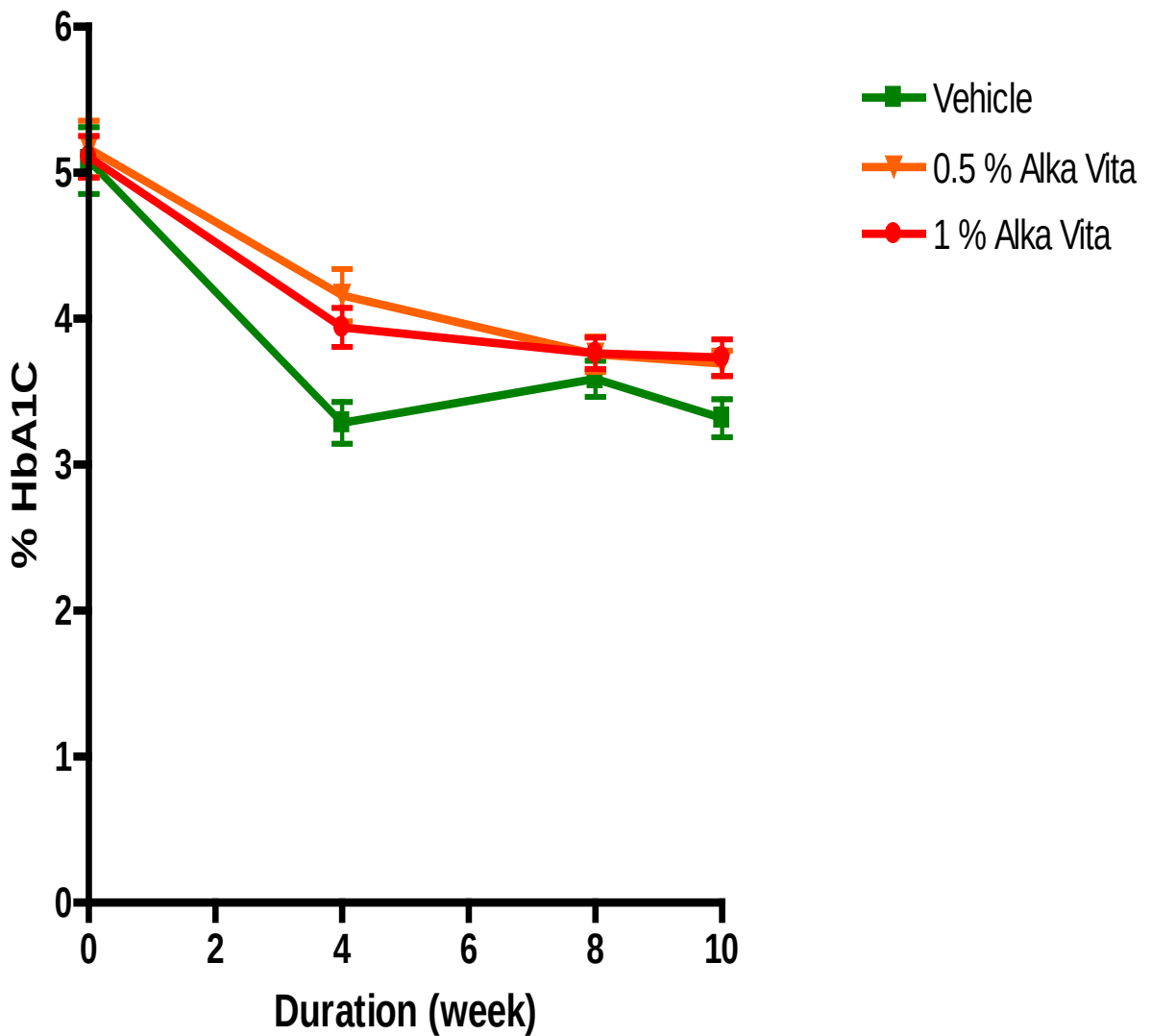




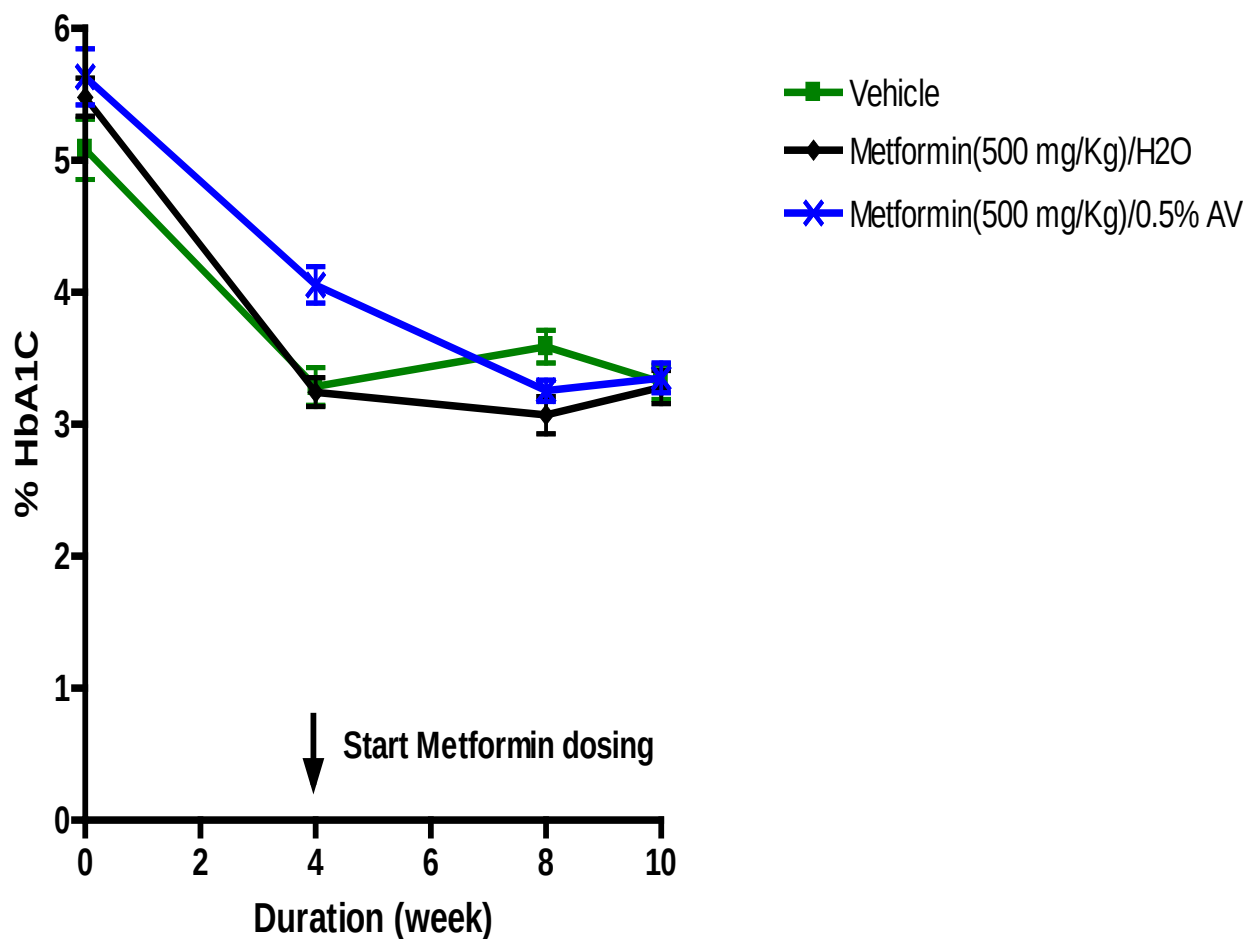
**PCO-061: Effect of Alka Vita on Body Weight**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old)



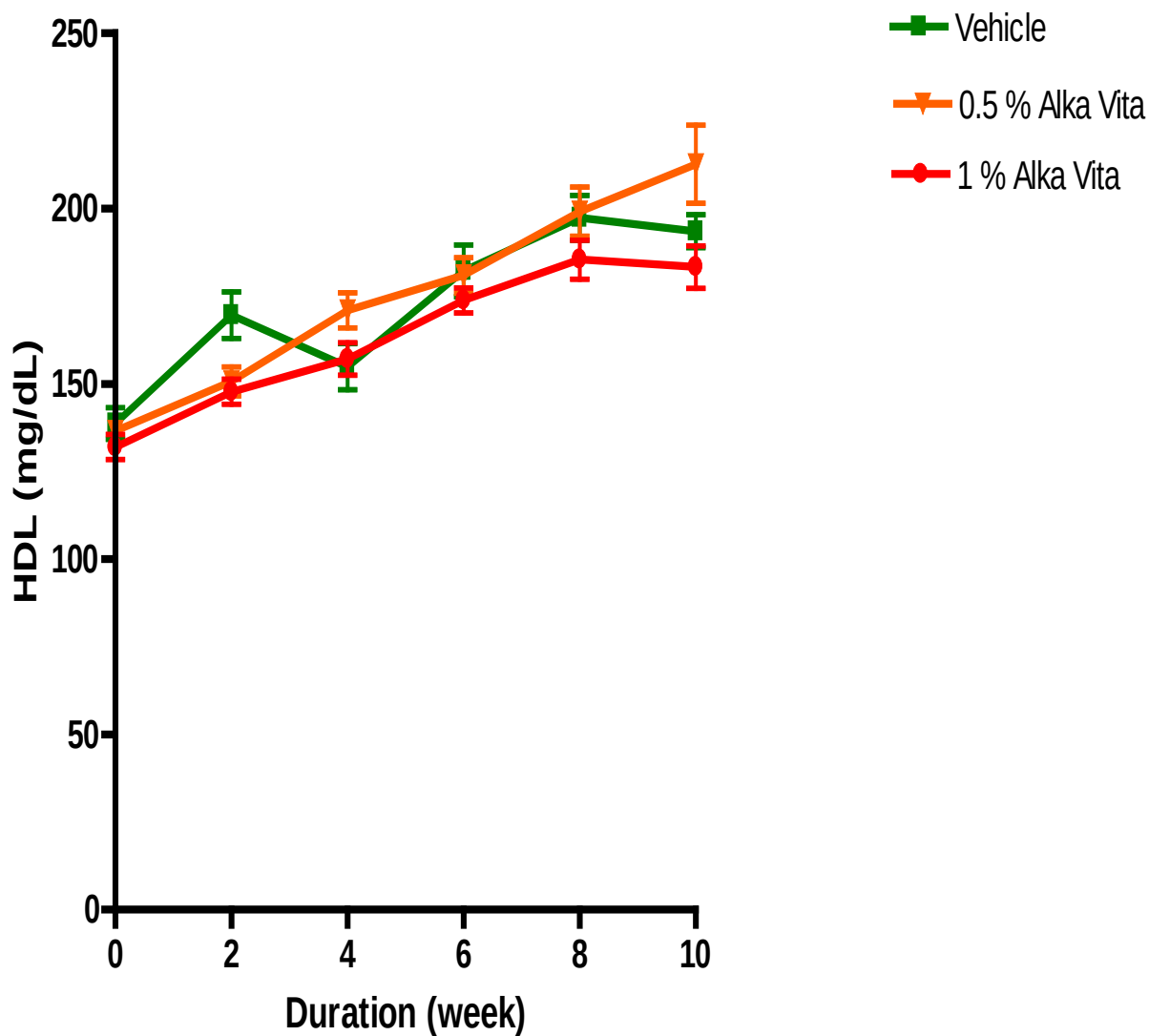
**PCO-061: Effect of Alka Vita on Body % HbA1C**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)



**PCO-061: Effect of Alka Vita on Body % HbA1C**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)

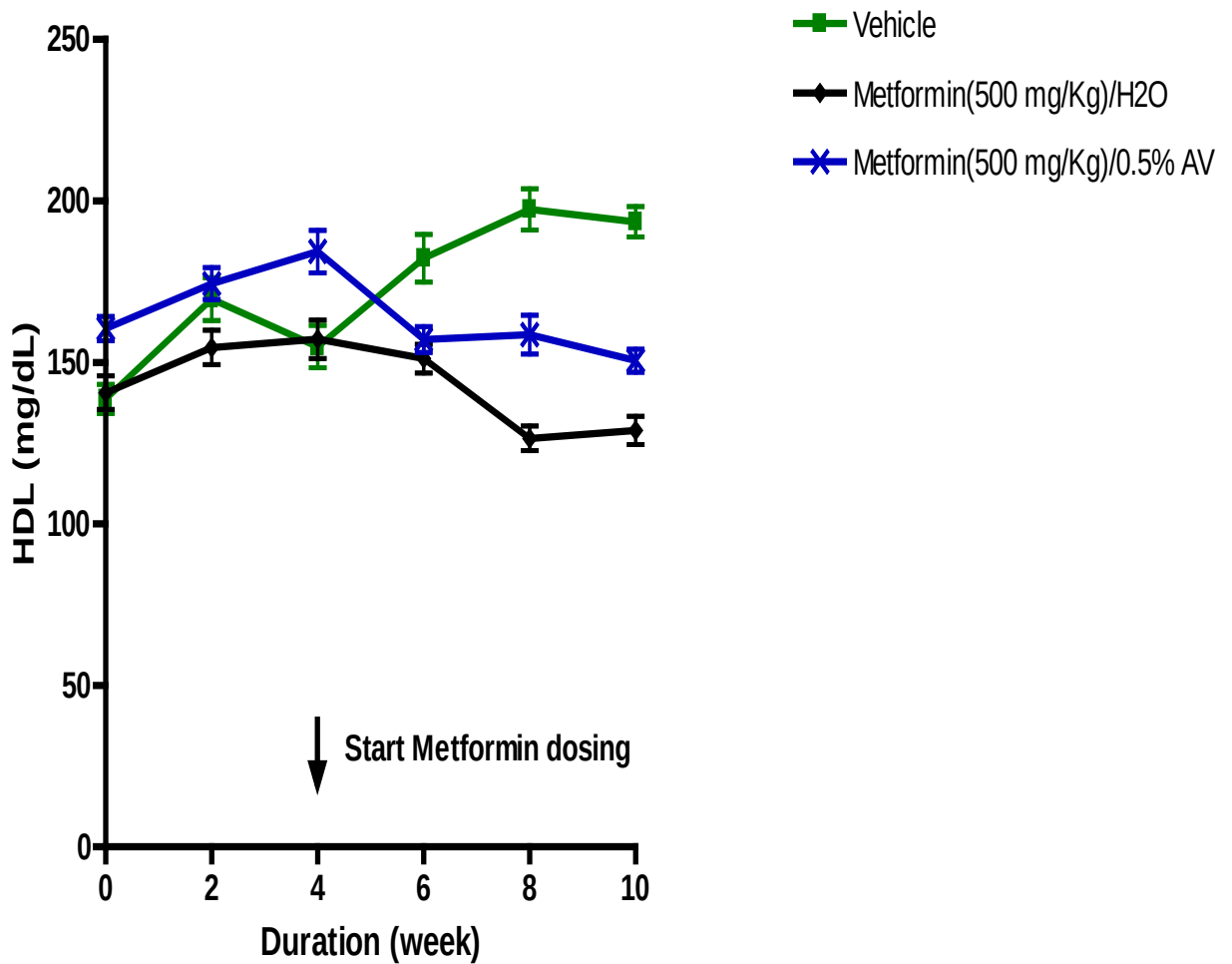


**PCO-061: Effect of Alka Vita on HDL**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)  
Start Oral gavaging at week 4

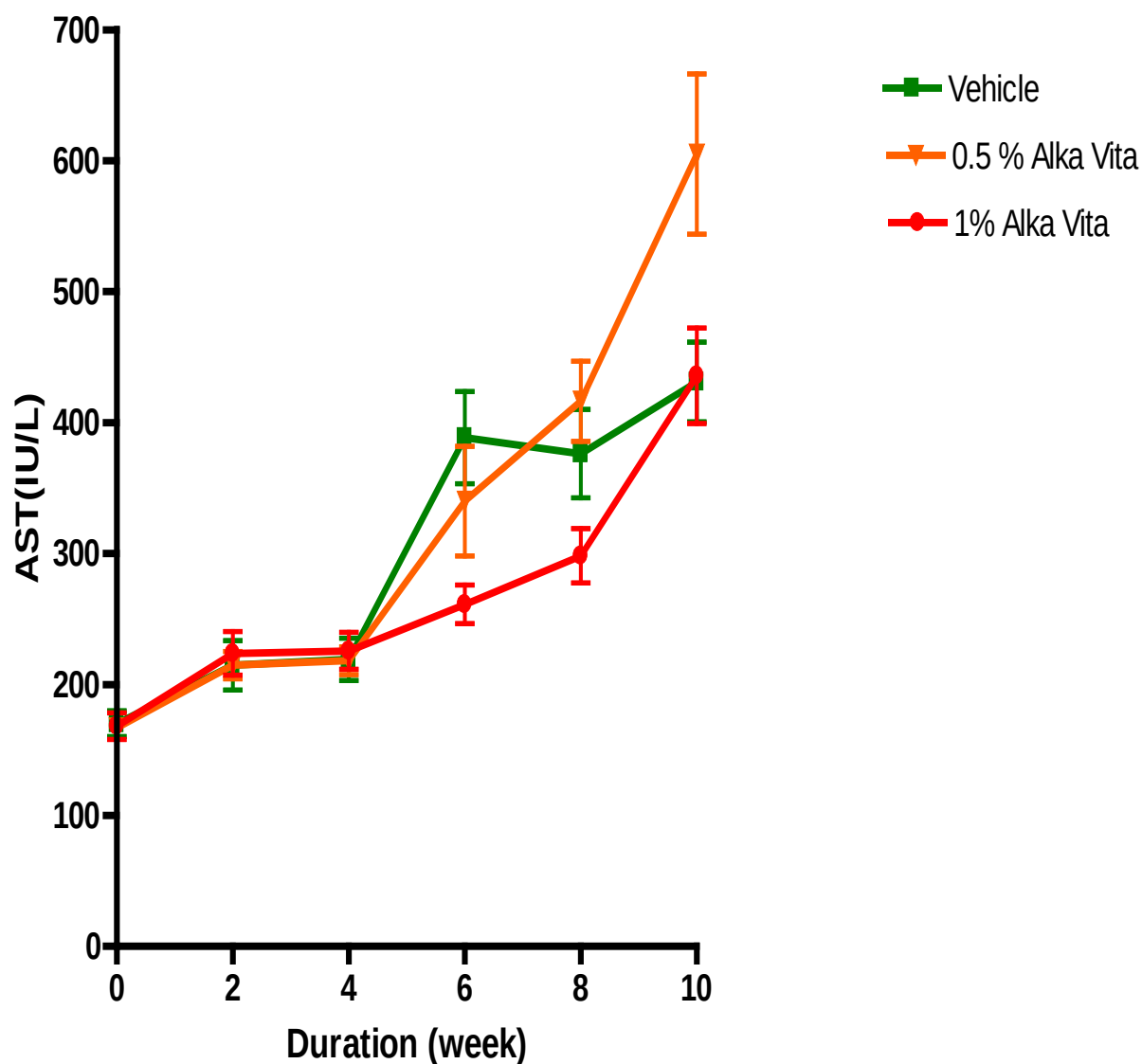


## PCO-061: Effect of Alka Vita on HDL

(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)

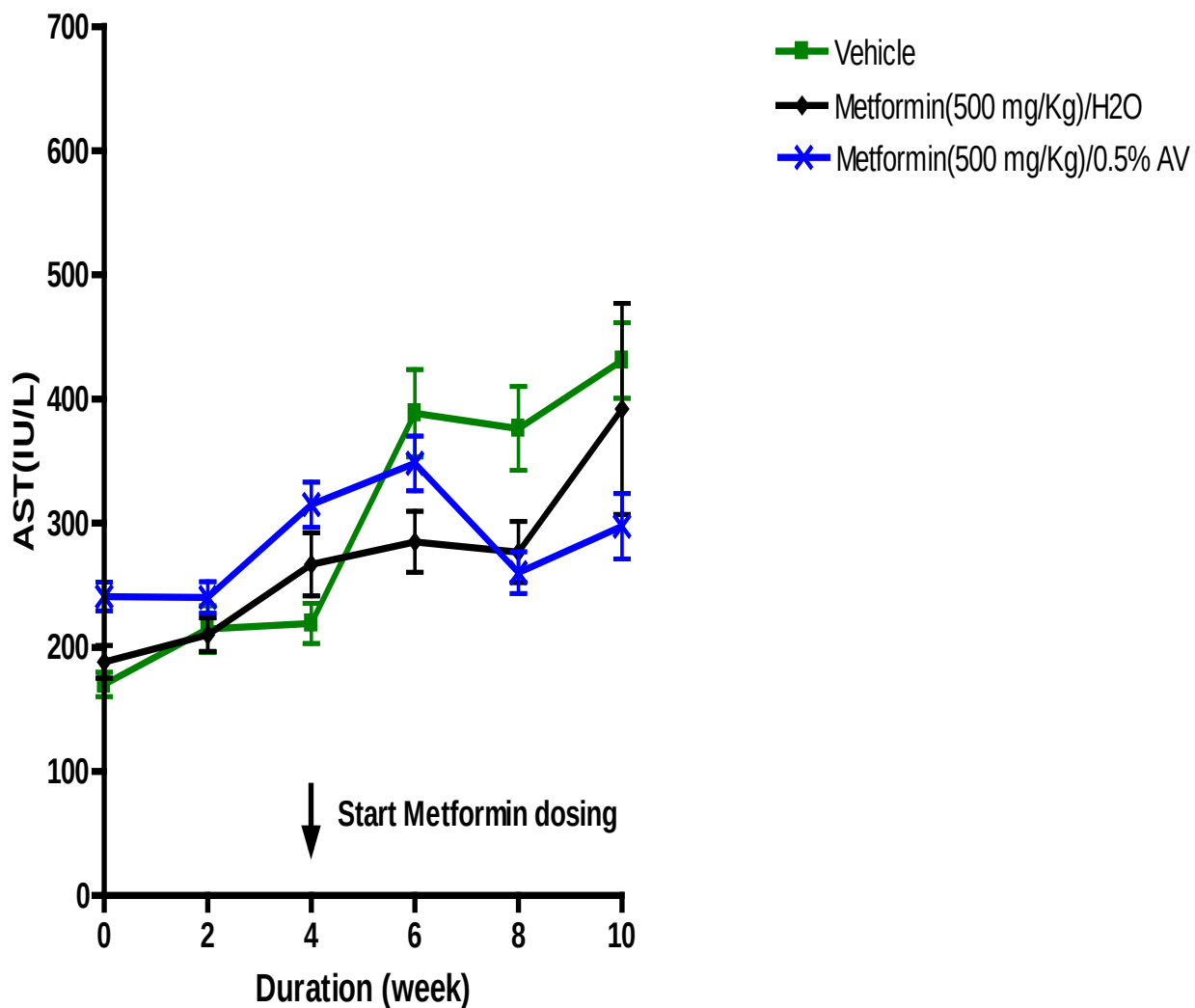


**PCO-061: Effect of Alka Vita on AST**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)  
Start Oral gavaging at week 4

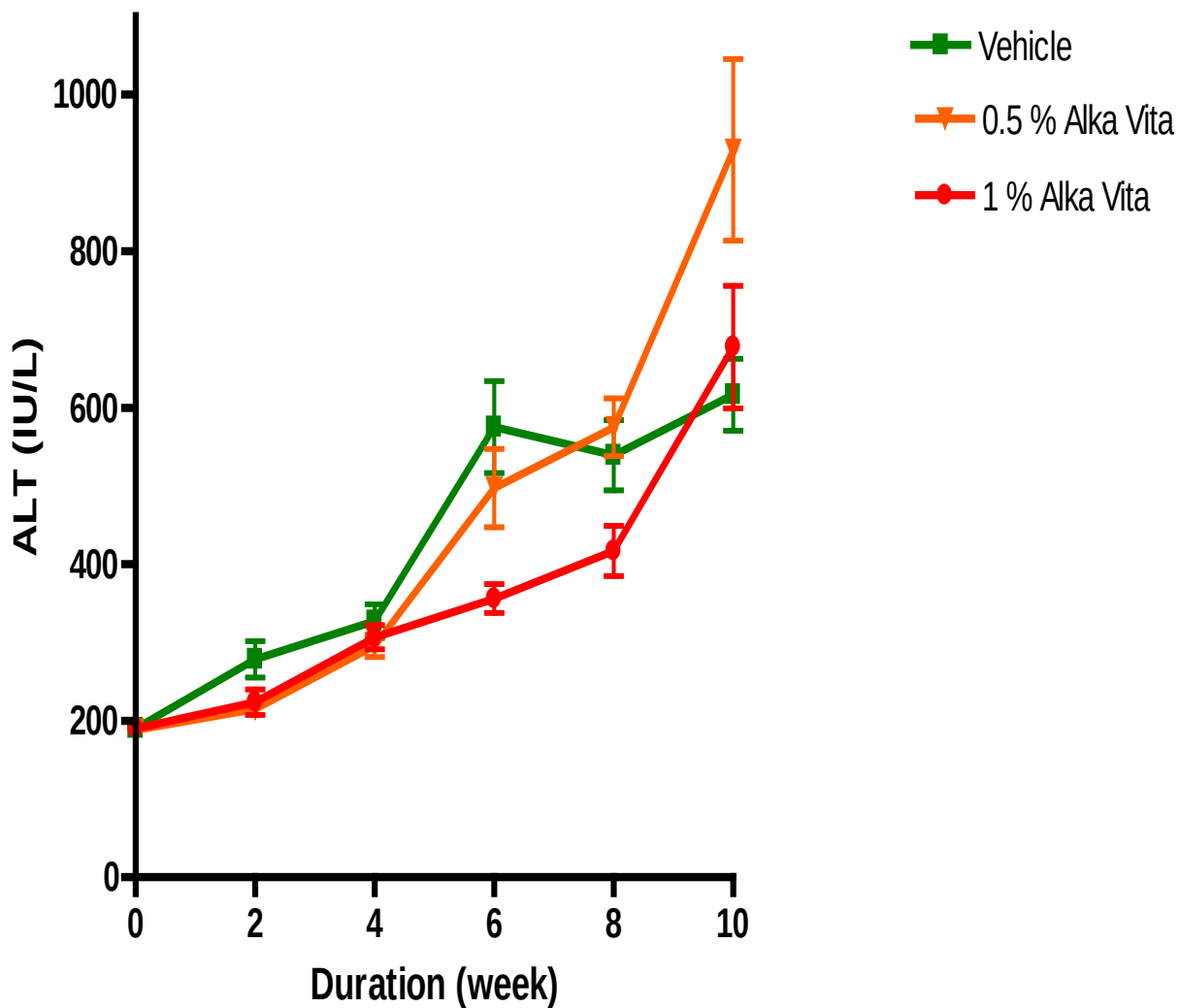


## PCO-061: Effect of Alka Vita on AST

(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)



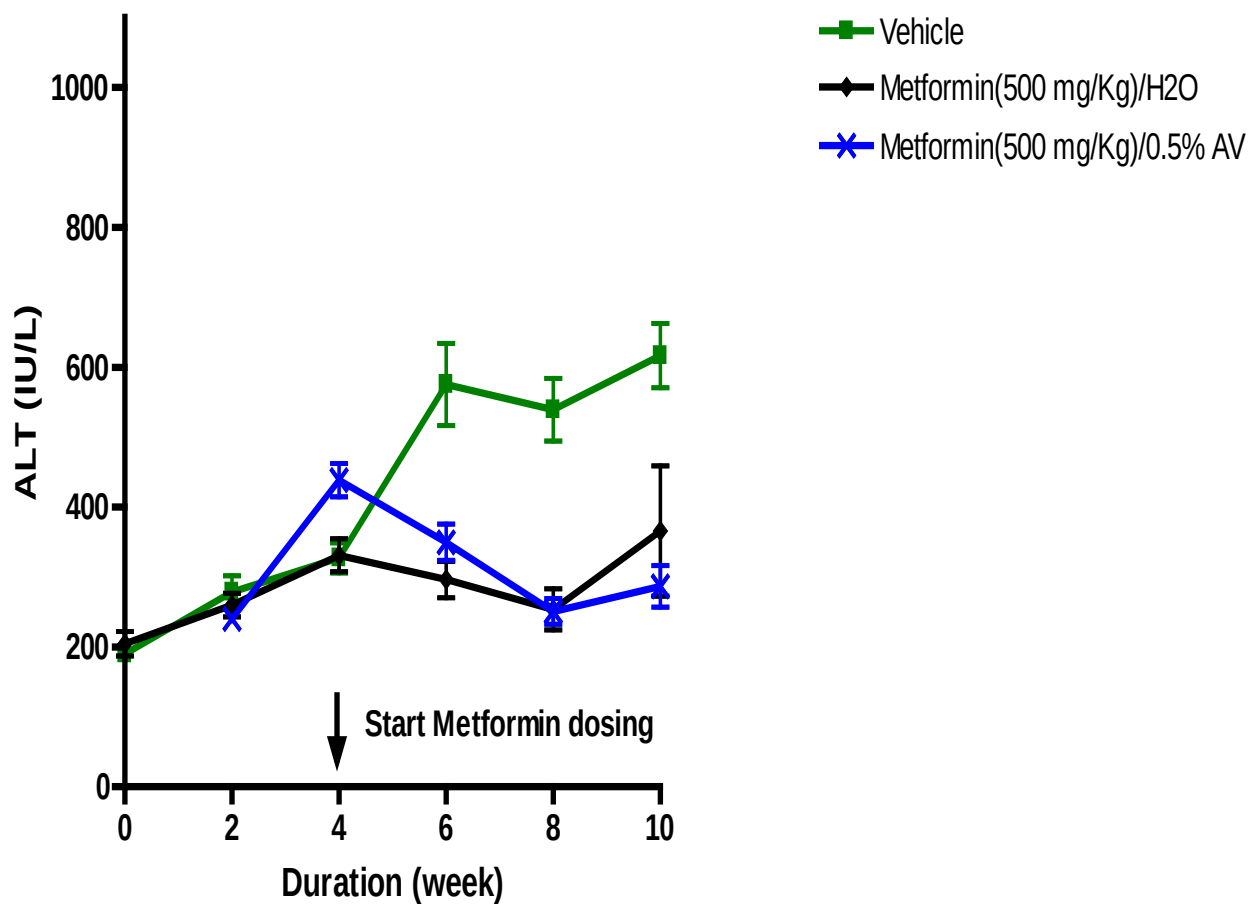
**PCO-061: Effect of Alka Vita on ALT**  
(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)  
Start Oral gavaging at week 4





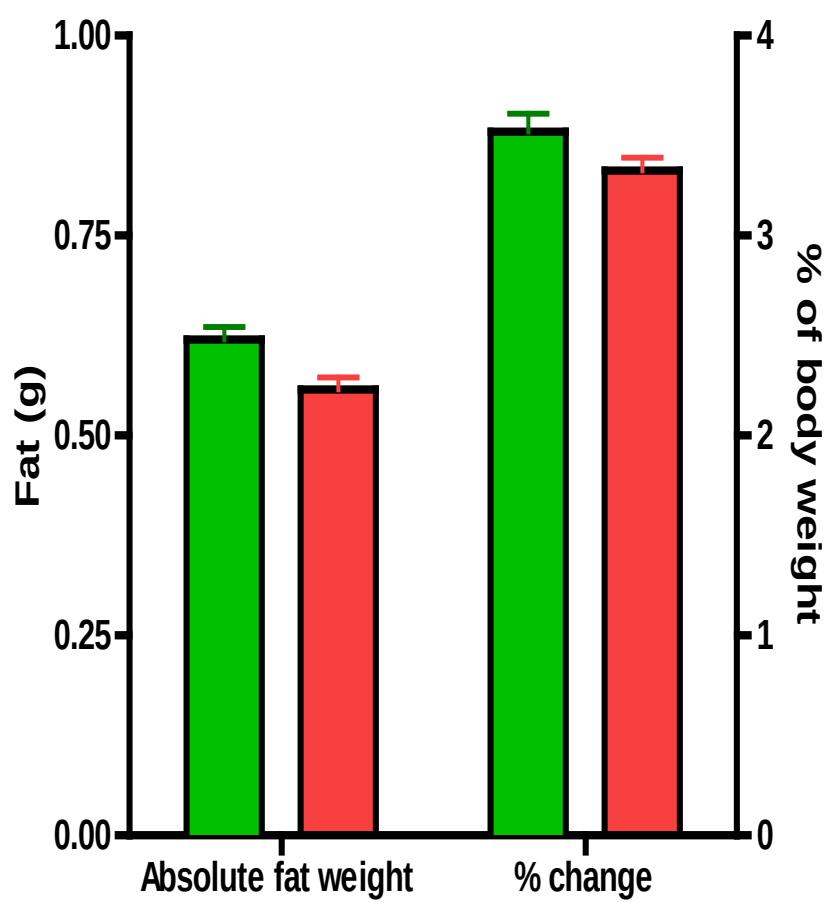
## PCO-061: Effect of Alka Vita on ALT

(B6.V-Lep<sup>ob</sup>/J male mouse, starting at 11 weeks old; n=16)



**PCO-061: Effect of 1% of Alka Vita on mesenteric fat**

Vehicle  
1% Alka Vita



**PCO-061: Effect of 1% of Alka Vita on epididimal fat**

Vehicle  
1% Alka Vita

