**Quantitative Real Time Polymerase Chain Reaction**

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| **Group** | **Time Point** |
|  | **24 hr** | **48 hr** |
| **Hemoglobin (g/dl)** |
| **YSh** | 11.2 ± 0.3, n=10, B | 12.0 ± 0.1, n=10, A |
| **YAn** | 5.1 ± 0.4, n=10, C | 5.1 ± 0.2, n=10, B |
| **MSh** | 12.8 ± 0.1, n=10, A | 12.2 ± 0.2, n=10, A |
| **MAn** | 5.0 ± 0.1, n=10, C | 5.4 ± 0.2, n=10, B |
| **ASh** | 13.1 ± 0.2, n=10, A | 12.4 ± 0.1, n=10, A |
| **AAn** | 5.2 ± 0.1, n=10, C | 4.9 ± 0.1, n=10, B |

**Western Immunoblotting**

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| **Group** |  | **Time Point (48 hr)** |
|  |  | **Hemoglobin (g/dl)** |
| **YSh** |  | 12.0 ± 0.7, n=3, A |
| **YAn** |  | 5.5 ± 0.3, n=3, B |
| **MSh** |  | 11.6 ± 0.7, n=3, A |
| **MAn** |  | 5.4 ± 0.5, n=3, B |
| **ASh** |  | 13.1 ± 0.6, n=3, A |
| **AAn** |  | 5.2 ± 0.7, n=3, B |

-Group Abbreviations: AAn-Aged Anemic, ASh-Aged sham, MAn-Mature Anemic, MSh-Mature Sham, YAn-Young Anemic, YSh-Young Sham.

-Post-hemodilution mean hemoglobin ± SD values are shown for each group and sampling time point. Significant differences (p<.05) between subgroups in a Tukey-Kramer, all groups, multi-comparison analysis, are indicated by capitalized lettered differences down each column.