**Supplemental Table S1. Effect of correction algorithms on coefficient of variation for normal plasma samples.** Mean values and coefficients of variation (percent ratio between standard deviation and mean) for TPH are shown.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Calibration and correction algorithms | | Results of TGT analysis | | | |
| Internal/external calibration | T-α2MG correction | TPH (nM)  PFP 1 pM TF | CV | TPH (nM)  PRP 1 pM TF | CV |
| CAT (CAT software) | Internal | yes | 200 | 17% | 132 | 28% |
| CAT (our software) | Internal | no | 202 | 15% | 147 | 27% |
| Internal | yes | 199 | 16% | 139 | 27% |
| Linearly calibrated (our software) | Internal | no | 195 | 17% | 130 | 23% |
| External | no | 195 | 17% | 131 | 28% |