|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Original plasma 25(OH)D values | Reanalyzed serum 25(OH)D values1 | NIST2 certified interpolated serum  25(OH)D values |  |
| Number of values | 34 | 34 | 34 |  |
|  | | | |  |
| Minimum | 13.3 | 14.4 | 15.6 |  |
| 25% Percentile | 25.2 | 24.2 | 25.5 |  |
| Median | 36.9 | 37.5 | 39.1 |  |
| 75% Percentile | 54.4 | 48.3 | 50.0 |  |
| Maximum | 92.6 | 89.8 | 92.1 |  |
|  | | | |  |
| Mean | 40.9 | 39.6 | 41.2 |  |
| Std. Deviation | 20.6 | 18.0 | 18.3 |  |
| Std. Error | 2.5 | 2.2 | 2.2 |  |
|  | | | |  |
| 95% CI | 35.9-45.9 | 35.3-44.0 | 36.7-45.6 |  |

**Supplemental table 1:** Descriptive statistics of original, reanalyzed and NIST certified interpolated 25-hydroxyvitamin D (25(OH)D) values

1 Re-analyzed samples were performed in duplicate

2 National Institute of Standards and Technology