**Supplemental Table 1: Method Comparison Summary for the TEG® 6s vs. TEG® 5000** **Hemostasis Analyzers**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Assay** | **N** | **Spike** | **Slope****ß [95% CI]** | **Correlation ƿ [95% CI]** | **Correlation p-value** | **AMR Point 1** | **AMR Bias 1** | **AMR Point 2** | **AMR Bias 2** | **NRR Point 1** | **Bias at NRR Point 1** | **NRR Point 2** | **Ref Bias 2** |
| CFF.MA | 450 | 30 | 1.21[1.18, 1.25] | 0.95[0.94, 0.96] | <0.001 | 4 | -2.01[-2.77, -1.23] | 52 | -2.6[-4.29, -1.08] | 15 | -3.37[-3.74, -3] | 32 | 0.26[-0.16, 0.68] |
| CK.R | 405 | 36 | 1.05[1, 1.1] | 0.9[0.88, 0.91] | <0.001 | 0.4 | 0.55[0.31, 0.79] | 17 | 1.33[0.7, 1.95] | 4.6 | 0.75[0.64, 0.85] | 9.1 | 0.96[0.72, 1.2] |
| CK.LY30 | 86 | 17 | 1.01[0.91, 1.1] | 0.91[0.87, 0.94] | <0.001 | 0 | 0.48[-0.12, 1.08] | 22 | 0.6[-1.22, 2.41] | 0 | 0.48[-0.12, 1.08] | 2.6 | 0.49[0, 0.98] |
| CRT.MA | 394 | 0 | 0.93[0.89, 0.97] | 0.93[0.92, 0.95] | <0.001 | 40 | -0.71[-1.54, 0.12] | 75 | -3.16[-3.64, -2.67] | 52 | -1.55[-1.98, -1.11] | 70 | -2.81[-3.15, -2.47] |
| CRT.MA vs. CK.MA | 336 | 0 | 1.06[0.99, 1.12] | 0.86[0.83, 0.89] | <0.001 | 40 | -5.31[-6.95, -3.66] | 75 | -3.31[-4.12, -2.51] | 52 | -4.62[-5.51, -3.73] | 70 | -3.6[-4.13, -3.06] |

AMR, analytical measurement range; CFF.MA, citrated functional fibrinogen maximum amplitude; CI, confidence interval; CK.LY30, citrated kaolin clot lysis at 30 minutes; CK.R, citrated kaolin reaction time; CRT.MA, citrated RapidTEG™ maximum amplitude; NRR, normal reference range

**Supplemental Table 2: Analysis of Within Device Variability for the TEG® 5000 Hemostasis Analyzer**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Assay** | **N** | **Spike** | **Slope****ß [95% CI]** | **Correlation ƿ [95% CI]** | **AMR Point 1** | **AMR Bias 1** | **AMR Point 2** | **AMR Bias 2** | **NRR Point 1** | **Bias at NRR Point 1** | **NRR Point 2** | **Ref Bias 2** |
| CFF.MA | 424 | 0 | 0.99[0.96, 1.01] | 0.97[0.96, 0.97] | 4 | 0.17[-0.2, 0.65] | 52 | -0.33[-1.07, 0.24] | 15 | 0.06[-0.1, 0.29] | 32 | -0.12[-0.4, 0.1] |
| CK.R | 425 | 0 | 0.99[0.97, 1.01] | 0.99[0.98, 0.99] | 0.4 | 0.05[-0.02, 0.12] | 17 | -0.11[-0.31, 0.09] | 4.6 | 0.01[-0.01, 0.03] | 9.1 | -0.04[-0.11, 0.04] |
| CK.LY30 | 81 | 0 | 1.32[1.03, 1.6] | 0.71[0.59, 0.81] | 0 | -0.72[-1.84, 0.4] | 22 | 6.22[0.54, 11.9] | 0 | -0.72[-1.84, 0.4] | 2.6 | 0.1[-0.74, 0.94] |
| CRT.MA | 413 | 0 | 0.95[0.91, 1] | 0.9[0.88, 0.92] | 40 | 1.17[0.12, 2.22] | 75 | -0.43[-1.06, 0.2] | 52 | 0.62[0.07, 1.18] | 70 | -0.2[-0.65, 0.25] |
| CRT.MA vs. CK.MA | 406 | 0 | 1.12[1.03, 1.2] | 0.78[0.74, 0.81] | 40 | -4.09[-6.25, -1.93] | 75 | -0.03[-1.14, 1.07] | 52 | -2.7[-3.86, -1.54] | 69 | -0.73[-1.41, -0.05] |

AMR, analytical measurement range; CFF.MA, citrated functional fibrinogen maximum amplitude; CI, confidence interval; CK.LY30, citrated kaolin clot lysis at 30 minutes; CK.R, citrated kaolin reaction time; CRT.MA, citrated RapidTEG™ maximum amplitude; NRR, normal reference range

**Supplemental Table 3: Analysis of Within Device Variability for the TEG® 6s Hemostasis Analyzer**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Assay** | **N** | **Spike** | **Slope****ß [95% CI]** | **Correlation ƿ [95% CI]** | **AMR Point 1** | **AMR Bias 1** | **AMR Point 2** | **AMR Bias 2** | **NRR Point 1** | **Bias at NRR Point 1** | **NRR Point 2** | **Ref Bias 2** |
| CFF.MA | 424 | 0 | 1[0.98, 1.01] | 0.99[0.99, 0.99] | 4 | 0[-0.12, 0.27] | 52 | 0[-0.66, 0.31] | 15 | 0[-0.02, 0.1] | 32 | 0[-0.28, 0.14] |
| CK.R | 425 | 0 | 0.96[0.92, 1.01] | 0.9[0.87, 0.91] | 0.4 | 0.17[-0.06, 0.4] | 17 | -0.43[-0.98, 0.11] | 4.6 | 0.01[-0.06, 0.09] | 9.1 | -0.15[-0.34, 0.04] |
| CK.LY30 | 81 | 0 | 1.04[0.92, 1.17] | 0.88[0.82, 0.92] | 0 | -0.47[-0.97, 0.03] | 22 | 0.47[-1.97, 2.91] | 0 | -0.47[-0.97, 0.03] | 2.6 | -0.36[-0.7, -0.03] |
| CRT.MA | 413 | 0 | 1[0.98, 1.02] | 0.99[0.98, 0.99] | 40 | 0.06[-0.29, 0.4] | 75 | 0.04[-0.21, 0.3] | 52 | 0.05[-0.11, 0.22] | 70 | 0.05[-0.14, 0.23] |
| CRT.MA vs. CK.MA | 406 | 0 | 1.12[1.09, 1.16] | 0.95[0.94, 0.96] | 40 | -1.86[-2.6, -1.11] | 75 | 2.47[1.89, 3.06] | 52 | -0.37[-0.71, -0.03] | 69 | 1.73[1.34, 2.11] |

AMR, analytical measurement range; CFF.MA, citrated functional fibrinogen maximum amplitude; CI, confidence interval; CK.LY30, citrated kaolin clot lysis at 30 minutes; CK.R, citrated kaolin reaction time; CRT.MA, citrated RapidTEG™ maximum amplitude; NRR, normal reference range