**Original Article**

AuNP Coupled Rapid Flow-Through Dot-Blot Immuno-Assay for COVID-19 (SARS-CoV-2) Explicit IgG Antibody Revelation

**Short Title**: Dot-Blot Immuno-Assay for COVID-19.

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| **Supplementary Table 1:** Difference in mean OD/cut-off in NCP-IgG ELISA compare to dot-blot intensity scale. | | | | |
| NCP-IgG | | | |  |
| Mean | Std. Deviation | N | p-value |
| 1.5616 | 0.62158 | 9 |  |
| 2.4965 | 1.58421 | 10 | 0.320 |
| 4.1102 | 2.06472 | 37 | 0.029 |
| 5.7897 | 2.43612 | 23 | 0.003 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplementary Table 2:** Difference in mean OD/cut-off in RBD-IgG ELISA compare to dot-blot intensity scale. | | | | |
| RBD-IgG | | | |  |
| Intensity scale | Mean | Std. Deviation | N | p-value |
| 0.5+ | 1.5385 | 0.75056 | 9 |  |
| 1+ | 2.9838 | 1.35919 | 10 | 0.150 |
| 2+ | 5.3902 | 2.49363 | 37 | 0.003 |
| 3+ | 7.3748 | 2.18459 | 23 | 0.001 |

P-values were estimated as 0.5+ vs 1+, 1+ vs 2+, 2+ vs 3+