**Table 1:** Diagnostic assessment of FineCare**TM** for S-RBD total antibodies detection\* RT-PCR used as a reference test

|  |  |
| --- | --- |
| **Immunoassay** | **FineCareTM** |
| **Sensitivity % (95% CI)** | 92% (95% CI: 86.44% to 95.80%) |
| **Specificity % (95% CI)** | 100% (95% CI: 96.38%-100.00%) |
| **Overall agreement % (95% CI)** | 96.4% (95% CI: 93.2%- 98.1%) |
| **Cohen's kappa coefficient κ (95% CI)** | 0.881 (95% CI: 0.816-0.946) |
| **ROC curves optimized cut-off index** | > 10.70 |
| **Sensitivity using optimized cut-off indices**  **% (95% CI)** | 94.67% (95%CI: 89.83%-97.27%) |
| **Specificity using optimized cut-off indices**  **% (95% CI)** | 100% (95% CI: 96.34%-100%) |

**Table 2.** Concordance assessment between the FineCare**TM** sVNT, VIDAS®3 tests

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Compared to** | **Overall Percent Agreement**  **%**  **(95% CI)** |  | **Positive Percent Agreement**  **%**  **(95% CI)** | **Negative Percent Agreement**  **%**  **(95% CI)** | **Cohen's kappa coefficient**  **Κ**  **(95% CI)** |
| **FineCareTM** |  | **sVNT** | 92.0%  (86.5-95.4) |  | 97.7%  (93.5-99.2) | 50%  (29-71.0) | 0.558  (0.32-0.78) |
|  | **VIDAS®3** | 94.4%  (87.6-97.6) |  | 95.1%  (88.0-98.1) | 88.9%  (56.5-98.0) | 0.731  (0.51 - 0.95) |