SARS-CoV-2 One-Step RT-PCR Kit, RdRp and N Genes, IVD MD0483

### Direct RT-PCR Protocol

# The ideal choice for fast and reliable testing

Speed your research with accurate lab results in less time. We simplify your testing processes so you can focus on what matters the most—providing top quality patient care.

The MD0483 Kit includes an extraction-free workflow, designed for direct RT-PCR from samples and ideal for high-frequency testing. Reduce your time-to-result, reagents & costs in the lab.





#### Exclusive validation for transport and storage

The direct RT-PCR protocol has been exclusively validated for nasopharyngeal samples transported and stored in VACUETTE® Virus Stabilization Tube, Greiner Bio-One (reference 456161).



VACUETTE® Virus Stabilization Tube, Greiner Bio-One Reference 456161

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## **Nzytech**

#### Matched Efficiency With Robust Results

Twenty-four positive clinical samples were tested in parallel using the two protocols: RNA extraction followed by RT-PCR and direct RT-PCR. Data revealed that MD0483 sensitivity does not change regardless the sample is subjected or not to a previous RNA extraction step. Clinical specificity was also evaluated by testing in parallel the two protocols for previously characterized negative samples. Overall, data revealed a 100% agreement for the positive and negative samples analysed.





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NZYTech SARS-CoV-2 One-Step RT-PCR Kit, RdRp and N genes (IVD) provides the complete set of reagents and probes to qualitatively detect the SARS-CoV-2 genome, through common real-time PCR platforms. The virus RNA dependent RNA polymerase (RdRp) and the Nucleocapsid phosphoprotein (N) genes have previously been identified as highly specific markers for SARS-CoV-2. This NZYTech kit targets specific regions in the RdRp and N genes of SARS-CoV-2 genome to provide the highest sensitivity of detection.



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