

OSANTYS SARS-CoV-2 RT-qPCR KIT

Multiplex real-time RT-PCR test intended for the qualitative detection of SARS-CoV-2 RNA from unpurified and purified respiratory samples

PROTOCOL AT A GLANCE

1. Thaw reagents at room temperature
2. Mix and spin the tubes briefly before use
3. Set up reaction plate or tubes as follows:



Component	Volume/Reaction
One-Step RT-qPCR Enzyme Master Mix 2X	N x 12.5 μ L
SARS-CoV-2 Primer/Probe Mix	N x 7.5 μ L
Total Volume	N x 20.0 μL

4. Add 5 μ L of each sample (purified RNA or unpurified sample), 5 μ L of negative control and 5 μ L of positive controls.
5. Spin briefly
6. Create the following thermal protocol:
 - Step 1: 52°, 5 min
 - Step 2: 95°, 10 sec
 - Step 3: 95°C, 5 sec
63.1°C, 30 sec (+ plate read)} 45 cycles
7. Select reporter dyes:

Cible	Fluorochrome/Canal
N1	FAM / bleu
N2	VIC/ vert
RP	Cy5 / rouge

8. Indicate 25 μ L as reaction volume per well.
9. Load the strip tubes or plate and start the run.
10. After the instrument run is complete, analyze the data following instrument manual.

IFU available at www.osantys.com

REF	OS-COV2-100		100
REF	OS-COV2-500		500

