



RefKit SARS-CoV-2 Multiplex qPCR Assay

with UNG

Product Description:

RefKit SARS-CoV-2 Multiplex qPCR Assay developed by a probe-based one-step RT-PCR technology for the molecular qualitative detection of SARS-CoV-2 RNA in patients. The assay is specifically designed for direct testing from upper respiratory tract (nasopharyngeal, oropharyngeal and nasal swabs, nasopharyngeal aspirate, bronchoalveolar lavage and saliva) samples collected in viral transport medium (VTM).

Key Features:

- No RNA extraction needed when using transport medium including lysis buffer
- UNG eliminates carry-over amplicon contamination
- Detects 400 copies/ml from VTM
- Optimized for multiplex target detection
- Internal human RNase P control

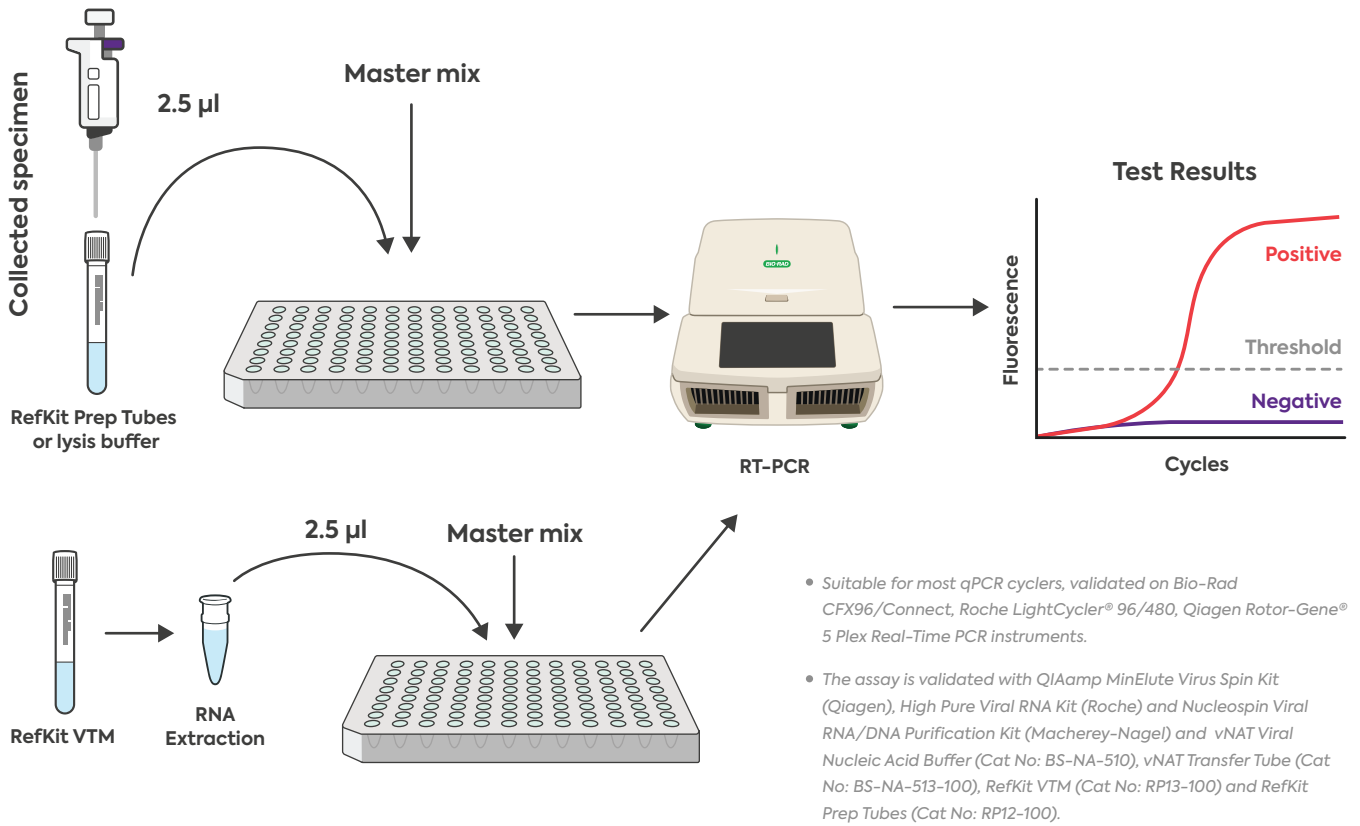


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RefKit SARS-CoV-2 Multiplex qPCR Assay uses Uracil-N-Glycosylase (UNG) enzyme which prevents possible carry-over amplicon contamination from previous PCR reactions resulting in false-positive results.

The kit consists of three different primer-probe sets, two of which target distinct segments in the Nucleocapsid (N) region of the SARS-CoV-2 genome and the third targets the RNA polymerase gene (RnaseP) of the human genome deriving from the upper respiratory tract epithelial cells. N gene may have less susceptibility to mutations and variant analysis shows no common mutations (global frequency >0.1%) on primer binding sites (internal data, April 2021).

Workflow:



Ordering Information:

RP11-10-200	RefKit SARS-CoV-2 Multiplex qPCR Assay	CE-IVD	200 reactions
RP11-10-1000	RefKit SARS-CoV-2 Multiplex qPCR Assay	CE-IVD	1000 reactions



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