



RefKit CoV-Inza Multiplex qPCR Assay

Product Description:

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

Key Features:

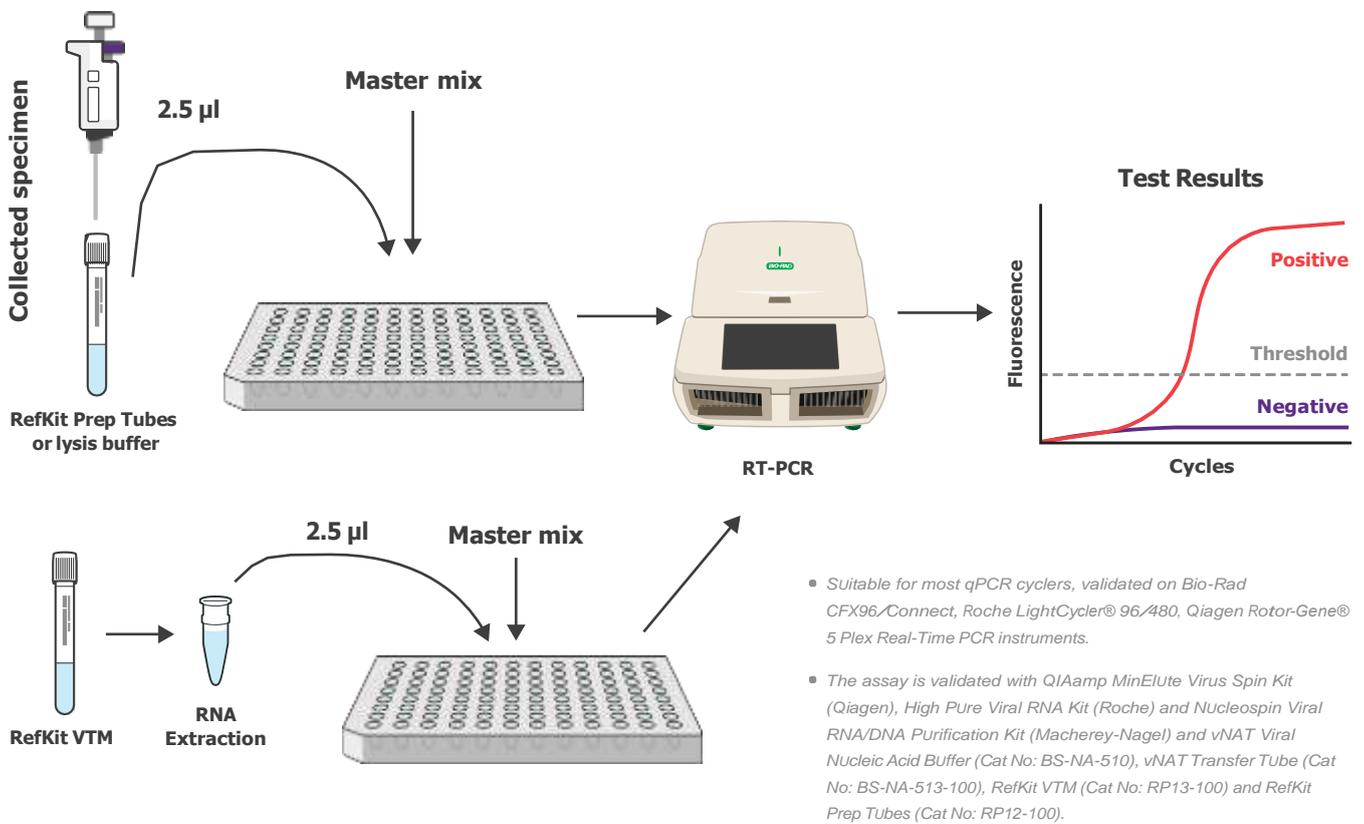
- **No RNA extraction needed when using transport medium including lysis buffer**
- **UNG eliminates carry-over amplicon contamination**
- **Detects 400 copies/ml from VTM**
- **Optimized for multiplex target detection**
- **Internal human RNase P control**



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RefKit CoV-Inza Multiplex qPCR Assay includes five different primer-probe sets; four of these (N1, N2, InfA, and InfB) are used for the qualitative detection of viral genomic RNA of SARS-CoV-2, Influenza A, and Influenza B, respectively. N1 and N2 primer-probe sets target the Nucleocapsid (N) region in the SARS-CoV-2 genome. While InfA targets an evolutionarily well-conserved region of matrix 1 (M1) gene of Influenza A genome, InfB targets a conserved region in nonstructural 2 (NS2) gene of Influenza B genome. And the last primer-probe set targets the RNA polymerase gene (RnaseP) of the human genome deriving from the upper respiratory tract epithelial cells to be used as the indicator of the swap sampling success as an "internal control" for monitoring extraction, cDNA synthesis, DNA amplification steps. Additionally, the kit includes two external controls; a positive control to assess RNA detection and reaction reliability, and negative control to check contamination.

Workflow:



Ordering Information:

RP15-10-200	RefKit CoV-Inza Multiplex qPCR Assay	CE-IVD	200 reactions
RP15-10-1000	RefKit CoV-Inza Multiplex qPCR Assay	CE-IVD	1000 reactions



RefGen Biotechnology Inc.

Ankara Üniversitesi
Teknokent, Bahçelievler Mahallesi,
319. Cadde, No:35/6
Biyo-Savunma Kuluçka Binası,
Ofis No:112, Gölbaşı / ANKARA

Tel: +90 312 285 44 01
Fax: +90 312 285 44 02
E-Mail: info@refgen.com
Website: www.refgen.com