

Bio-Speedy SARS CoV-2 Double Gene RT-qPCR



Intended Use: Bio-Speedy® SARS-CoV-2 Double Gene RT-qPCR kit is a real-time and one-step reverse transcription PCR test used for the qualitative detection of the SARS-CoV-2-specific *Orf1ab* and *N* genes.

Target: The Bio-Speedy® SARS-CoV-2 Double Gene RT-qPCR kit targets the *Orf1ab* and *N* genes in the SARS-CoV-2 genome and is read in the FAM channel of the Real Time PCR instrument. The RNase P gene targeted as an internal control is also read in the HEX channel.

Operation and Duration: Bio-Speedy® SARS-CoV-2 Double Gene RT-qPCR kit, when used with vNAT® Transfer Tube, makes the sample ready for Real Time PCR within 5 minutes and provides Real Time PCR result in less than 30 minutes protocol.

Validated and Compatible Devices: Bio-Speedy® SARS-CoV-2 Double RT-qPCR kit is validated for 10µl reaction volume on *Bio-Rad CFX96 Touch™*, *HiMedia Insta Q96® Plus*, *Bio Molecular Systems Magnetic Induction Cyclers (MIC)* and *Qiagen Rotor-Gene® 5 Plex* Real-Time PCR instruments. It is also compatible with all Real Time PCR instruments with FAM and HEX channels.

Sensitivity: 99.64%

Specificity: 100%

Quantity: 100, 250, 500, 1000 reactions

Box Size: 10cm x 8cm x 6.5cm

Catalog Number: BS-SY-WCOR-307
