

SNPsig® SARS-CoV-2 (E484K) Easy

Total workflow solution with RNA extracts for the qualitative detection of SARS-CoV-2 variants that carry the E484K mutation in a positive sample.

SNPsig® SARS-CoV-2 (E484K) Easy is a streamlined total workflow solution with RNA extracts, Real-Time PCR amplification and analysis on the genesig® q32 instruments, specifically for the detection of SARS-CoV-2 positive cases that have a variant carrying the significant E484K mutation.

Read the published paper on a prospective diagnostic study to measure the accuracy of detection of SARS-CoV-2 Variants of Concern utilising a novel RT-PCR GENotyping algorithm in an In silico Evaluation (VOC-GENIE)
<https://doi.org/10.1101/2021.05.05.21256396>

For
Research
Use Only

COMPATIBILITY

Sample Types	PCR Platform
Extracted RNA that has been confirmed as SARS-CoV-2 positive	genesig® q32

Anterior nasal samples acquired from dry swabs can also be used - please contact the technical support team (techsupport@primerdesign.co.uk) for further information on dry swabs samples.

ORDERING INFORMATION

Assay	Product Code	Description	Pack Size
SNPsig® SARS-CoV-2 (E484K) Easy	R00138	Pouch shipped on dry ice and to be stored frozen (-25°C to -15°C) on arrival	96 reactions (3x 32 tube magazines)

KEY FEATURES

- A single and streamlined workflow to rapidly identify SARS-CoV-2 positive samples that have a variant carrying the clinically significant E484K mutation, with only one pipetting step.
- A more time and cost-efficient alternative to the Next Generation Sequencing (NGS) method, it enables scientists to analyse and monitor these specific genomic mutations.
- Streamlined workflow for easy use with ready prepared Mastermix magazines that are individually packed and internal controls for run validity.
- Results in under **80 minutes** (This time includes the PCR set-up and the PCR run time).
- Each kit is suitable for running 3 separate runs on the genesig® q32 instrument.



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