



Detection of SARS-CoV-2 in Swabs of Environmental Surfaces

The SARS CoV-2 is a recently discovered coronavirus, which has caused the pandemic COVID-19 outbreak. This virus may lead to severe acute respiratory syndrome (SARS) and is predominantly transmitted person to person via droplets. Due to the virus' potential for a prolonged tenacity on surfaces, transmission through contaminated surfaces is being investigated as a possible route of exposure.

In the current coronavirus outbreak, companies and health authorities seek for solutions to monitor the presence of SARS-CoV-2 in their environments, in order to be able to implement immediate sanitation and other measures to protect the health and safety of employees and their environment.

Coronavirus Testing Solution

SARS-CoV-2 kits from Eurofins Technologies will enable organizations in diverse industries, as well as in healthcare, to help test, determine, monitor and eventually strengthen the effectiveness of sanitation measures put in place.

VIRSeek SARS-CoV-2 Screen

The kit enables screening for the E-gene, which encodes for the envelope surrounding the viral shell.

VIRSeek SARS-CoV-2 Ident

The assay is a one-step real-time RT-PCR to specifically detect the RNA-dependent RNA polymerase (RdRP-gene) of the SARS-CoV-2 virus.

ISO-compliant Workflow

- MNV Process Control
- RNA Extraction

VIRSeek Kit Portfolio

Special Focus on Corona Catch



VIRSeek SARS-CoV-2 Screen



The **VIRSeek SARS-CoV-2 Screen** kit enables screening for the E-gene, which encodes for the envelope surrounding the viral shell. The kit was developed as an initial screening assay to be used in conjunction with the VIRSeek SARS-CoV-2 Ident kit as a confirmation. This approach follows the recommendations from the WHO and the German Health Authority.

This assay effortlessly integrates into the VIRSeek Solution, which offers RNA extraction and an ISO 15216-compliant process control virus to monitor the efficiency of the process.

Kit Specifications

- RNA based internal positive control (IPC) to monitor reverse-transcriptase performance and detect inhibition
- Validated for the following real-time PCR cyclers:
 - Agilent AriaMx™
 - Bio-Rad CFX96 Touch™
 - Bio-Rad CFX96 Touch™ Deep Well
- Fast analysis in approx. 1 hour
 - One-step Real-time RT-PCR

Kit Components

- OligoMix SARS-CoV-2 Screen with primers and probes for 96 reactions
- BasicMix VIRSeek
- Positive control SARS-CoV-2
- Negative control reagent
- Comprehensive Manual

Article Number	Product Name
5728200601	VIRSeek SARS-CoV-2 Screen

VIRSeek SARS-CoV-2 Ident



The **VIRSeek SARS-CoV-2 Ident** assay is a one-step real-time RT-PCR to specifically detect the RNA-dependent RNA polymerase (RdRP-gene) of the SARS-CoV-2 virus according to the workflows published by the WHO and the German Health Authority. The kit should be used to confirm the presence of the virus in swabs of environmental surfaces following a VIRSeek SARS-CoV-2 Screen positive result.

Kit Specifications

- Validated for the following real-time PCR cyclers:
 - Agilent AriaMx™
 - Bio-Rad CFX96 Touch™
 - Bio-Rad CFX96 Touch™ Deep Well
- Fast analysis in approx. 1 hour
 - One-step Real-time RT-PCR

Kit Components

- OligoMix SARS-CoV-2 Ident with primers and probes for 96 reactions
- BasicMix VIRSeek
- Positive control SARS-CoV-2
- Negative control reagent
- Comprehensive Manual

Article Number	Product Name
5728200701	VIRSeek SARS-CoV-2 Ident

ET26032020