

COVID-19

Detection Workflow

SARS-CoV-2 Detection by Real-Time RT-PCR

Coronavirus Disease 2019 (COVID-19) is commonly diagnosed through the use of real-time RT-PCR assays for the *in vitro* qualitative detection of SARS-CoV-2 RNA in respiratory specimens. BioCat offers CE-IVD kits for the complete COVID-19 detection workflow.

Swab or Saliva Sample Collection & Preservation

- Swab Collection & Nucleic Acid Preservation Tubes
- Saliva RNA Collection & Preservation Devices

Safe collection, transport and preservation of respiratory samples. Preserved RNA, including viral RNA, is stable for 2 months at RT.

Isolation of Viral RNA from Respiratory Specimens

- Saliva/Swab RNA Purification Kit

High-quality total RNA, including viral RNA, from fresh and preserved saliva or swab samples.

SARS-CoV-2 Detection by Real-Time RT-PCR

- E/RdRP/RNase P - Charité/Berlin protocol recommended by WHO
- N1/N2/RNase P - CDC protocol

Ready-to-use kits containing everything required for the detection of SARS-CoV-2-specific genes. Suitable for SARS-CoV-2 variants.

Naso-/Oropharyngeal
Swabs, Saliva

Sample Collection
& Preservation

Viral RNA Isolation

PCR-based Detection

www.biocat.com/covid-detection-flow