



ARGENE[®]

Real-Time PCR assays

SARS-COV-2 R-GENE[®]

Real-time PCR kit for the detection of the causative agent of COVID-19

KEY FEATURES

- One all-in-one kit
- Two triplex PCR
- Internal control to check PCR processing & cellular control to check sampling
- Results delivered in 4 to 5 hours

BENEFITS

- Efficient order management
- Reliable diagnosis even if the virus mutates
- Secured results
- Optimized workflow for better patient management

PCR DESIGN

SARS-COV-2 **SPECIFIC** targeting N & RdRp genes

N Gene (FAM) / IC1 (HEX) / RdRp Gene (CY5)

- Specific detection of SARS-COV-2 on two distinct genes
- Internal control assessing the quality of the whole PCR process from extraction to detection

SARBECOVIRUS **GENERIC** targeting E gene

E Gene (FAM) / IC1 (HEX) / Cell control (CY5)

- Generic detection of Sarbecovirus (SARS-COV / SARS-COV-2 / SARS-LIKE)
- Internal control assessing the quality of the whole PCR process from extraction to detection
- Cellular control assessing the quality of initial sampling

PIONEERING DIAGNOSTICS



TECHNICAL INFORMATION

Ordering information	SARS-COV-2 R-GENE® ref. 423720
Kit content	All included (ready-to use master mix, enzymes, positive controls, negative control, internal control)
2 triplex PCR designs	PCR 1: SARS-COV-2 N gene (FAM) / Internal Control (HEX) / SARS-COV-2 RdRp gene (CY5) PCR 2: SARBECoVIRUS E gene (FAM) / Internal Control (HEX) / Cellular Control (CY5)
Gene targets	Part of the N gene (PCR 1), RdRp gene (PCR 1) and E gene (PCR 2)
Number of tests	120 tests (120 tests PCR 1 + 30 tests PCR 2)
Specimens	Nasopharyngeal swabs
Extraction platforms	EMAG®, easyMAG®, QIASymphony SP, MagNA Pure Compact, MagNA Pure 96
Amplification platforms	ABI 7500 Fast, ABI 7500 Fast Dx, QuantStudio5, QuantStudio5 Dx, LightCycler 480, CFX96, Rotor-Gene Q
Shelf Life	24 months
Regulatory status	For <i>In vitro</i> Diagnostic use (CE-IVD)
Storage conditions	-15°C / -31°C

For more information, contact your local bioMérieux representative.

