

genesig[®] COVID-19 Real-Time PCR

NOVACYT
GROUP

The **gold standard** CE IVD range of assays for the accurate clinical diagnosis of COVID-19

The genesig[®] COVID-19 Real-Time PCR range is CE marked, in vitro diagnostic, real-time, reverse transcriptase PCR (RT-PCR) assays intended for the qualitative detection of nucleic acid from SARS-CoV-2. Backed by our world-class surveillance programme of comprehensive virus monitoring, the genesig[®] COVID-19 Real-Time PCR range continues to evolve, bringing innovations to markets that can impact the management of patients and patient-care outcomes, influenced by the highest level of specificity and sensitivity of our kits.

Assay Type	Detection Profile	Validated Use			Ordering Information	
		Sample Types	Extraction Platforms	PCR Platforms	Product Codes	Pack Size
genesig [®] COVID-19	ORF 1ab	Nasopharyngeal swabs, Oropharyngeal swabs and Sputum Saliva Nasal Swabs	CE IVD Extraction System, suitable for the directed sample types	Applied Biosystem [®] 7500 Bio-Rad CFX Connect [™] Roche [®] LightCycler 480 II FluoroCycler [®] XT (Bruker Hain Lifescience) QuantStudio 5 (ThermoFisher Scientific)	Z-Path- COVID-19-CE	96 reactions (Master Mix Included)
genesig [®] COVID-19 2G	ORF 1ab and S gene targets	Nasopharyngeal swabs, Oropharyngeal swabs and Sputum		Applied Biosystem [®] 7500 Bio-Rad CFX Connect [™] Roche [®] LightCycler 480 II genesig [®] q32 (Primerdesign, Novacyt)		
genesig [®] COVID-19 3G	ORF 1ab, M gene and S gene targets	Nasopharyngeal swabs, Oropharyngeal swabs and Saliva	exsig [®] Mag extraction kit	Applied Biosystem [®] 7500 (ThermoFisher) Bio-Rad CFX Opus Roche [®] LightCycler 480 II genesig [®] q32 (Primerdesign,™ Novacyt)	D00063	96 reactions (Master Mix Included)
genesig [®] COVID-19 HT 2.0	ORF 1ab	Nasopharyngeal swabs, Oropharyngeal swabs and Sputum	CE IVD Extraction System, suitable for the directed sample types QIAamp [®] Viral RNA Mini kit (Qiagen extraction system)	Roche [®] LightCycler 480 II	D00040	1,536 reactions (384 x 4) (Master Mix Included)

Key Features

- High priming efficiency
- Accurate controls to confirm extraction and assay validity
- Lyophilised components for ambient shipping
- Results in under 3 hours
- Multi-platform capability
- genesig[®] Covid-19 HT 2.0 enables high throughput screening by providing a large volume pack of 1,536 reactions



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Primerdesign is part of the Novacyt Group