



SARS-CoV-2

Real-Time PCR & Extraction Kits

The Gold Standard Diagnostics (GSD) group now offers its GSD NovaPrime® SARS-CoV-2 (COVID-19) Real-Time PCR kit in combination with the GSD NovaPrime® RNA Extraction kits. Benefit from a **complete molecular solution with high sensitivity and efficiency in the overall workflow.**



GSD NovaPrime® SARS-CoV-2 (COVID-19) RT-PCR

- Simultaneous detection of two target sequences
- Approximately 1 hour turnaround time
- Sample processing time improved fourfold with 384 run format
- Reduced reaction mix volume
- No cross reactivity with common human coronavirus strains
- Extraction/inhibition control and positive control included



GSD NovaPrime® RNA Extraction kits

- Easy implementation and improved extraction time
- Magnetic bead technology for automated extraction of genomic SARS-CoV-2 RNA
- Respiratory samples from clinical specimens (nasal, nasopharyngeal, oropharyngeal)
- Validated instruments: King Fisher™ Flex System, Maelstrom 9600 and MGI MGISP-960

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As COVID-19 continues to spread worldwide, diagnostic laboratories face an unprecedented demand for testing capacity. The use of the GSD NovaPrime® RNA Extraction kits enables laboratories to meet this demand with an easy and highly efficient extraction method. The combination with the GSD NovaPrime® SARS-CoV-2 (COVID-19) RT-PCR represents an excellent molecular diagnostic solution.

Extraction & Analysis Workflow

In order to detect virus particles in human respiratory samples, the virus needs to be isolated and the viral RNA extracted prior to a Real-Time RT-PCR analysis.



Products for the automated extraction of SARS-CoV-2 RNA

Product	Order No.	Format	Validated on
GSD NovaPrime® IVD RNA Extraction AE1	HW/5524401101	1 x 96 reactions	KingFisher™ Flex System by ThermoFisher Scientific
	HW/5524401201	20 x 96 reactions	Maelstrom 9600 by Taiwan Advanced Nanotech Inc.
GSD NovaPrime® RNA Extraction AE2*	HW/5524400901	1 x 96 reactions	MGI MGISP-960 by MGI Tech. Co., Ltd

*RUO: Research use only. Not for use in diagnostic procedures.

The kits need to be validated as required by local legislation for their intended use by authorized clinical testing laboratories. A CE-IVD marked version of the kit will be released at a later stage.

These products are currently not available in the United States.



Products for the detection of SARS-CoV-2 RNA by Real-Time PCR

Product	Order No.	Format	Validated on
GSD NovaPrime® SARS-CoV-2 (COVID-19)	HW/PCOV6033	1 x 96 reactions	AriaDx™ / AriaMx™ (Agilent Technologies), ABI Prism® 7500 SDS / Fast SDS / Quantstudio™ 5 (Applied Biosystems™), CFX96 Touch™ (Bio-Rad), LightCycler® 480 Instrument II (Roche Diagnostics)
	HW/PCOV6034	4 x 96 reactions	
	HW/PCOV6036	1 x 384 reactions	
	HW/PCOV6037	2 x 384 reactions	

These products are currently not available in the United States.

Manufacturer of GSD NovaPrime® RNA Extraction kits:
Eurofins GeneScan Technologies GmbH
Germany, Engesserstrasse 4, 79108, Freiburg im Breisgau



GeneScan

Manufacturer of GSD NovaPrime® Real-Time PCR kits:
NovaTec Immundiagnostica GmbH
Germany, Waldstrasse 23 A6, 63128 Dietzenbach



For more information on our SARS-CoV-2 product line, please visit: www.goldstandarddiagnostics.com

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