



SUPPORTING your research for COVID-19

(2019 Coronavirus SARS-CoV-2 or 2019-nCoV)

The global emergence of new viral diseases such as the coronavirus SARS-CoV-2 (Covid-19 or 2019-nCoV), MERS (2015) and SARS (2003) pandemic have driven the surging demand for rapid methods to detect and identify target viruses at accelerating scale.

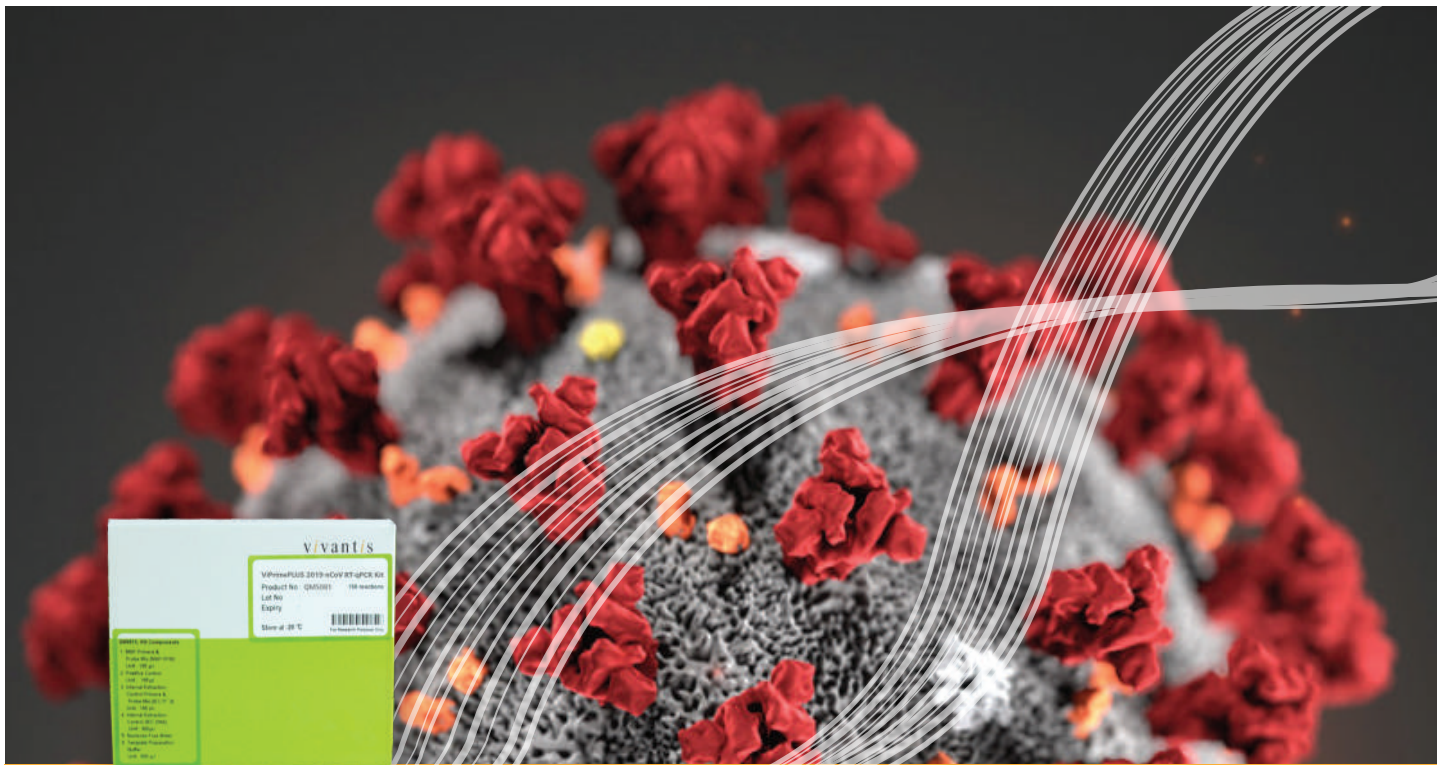
As the ongoing Covid-19 outbreak continues to impact our communities, scientists around the world are meticulously working to gain better understanding of the coronavirus with the ultimate aim to develop drug treatments or vaccines and other possible future treatment options. With comprehensive portfolio of research reagents, Vivantis Technologies is prepared to support researchers around the globe in their work towards understanding this emerging virus by providing collaborative technical support, nucleic acid purification tools and expertise, amplification products and RT-qPCR technologies that streamline research workflow.

Recommended Nucleic Acid Extraction Solution in Response to COVID-19 Crisis

GF-1 Tissue Viral Nucleic Acid Extraction Kit / GF-1 Viral Nucleic Acid Extraction Kit (Mini-Prep Kit)

- Efficient viral lysis, denaturation of proteins and subsequent release of DNA or RNA
- Efficient recovery of highly pure DNA or RNA
- Purified DNA/RNA is suitable for downstream reactions, such as RT-qPCR and library prep for next generation sequencing
- Eliminates the need of toxic or organic-based extraction
- New protocols for use with different biological samples are being posted as they are developed. As an example, for guidance on the sample preparation of this kit with swabs, nasopharyngeal swab, saliva, sputum, bronchoalveolar lavage fluids, ascites

2019-nCoV Infected Biological Sample Types	Swabs & Nasopharyngeal Swab, Saliva, Sputum, Bronchoalveolar Lavage Fluids, Ascites	Blood, serum, plasma, cell culture samples
Recommended Product	GF-1 Tissue Viral Nucleic Acid Extraction Kit (Proteinase K & Carrier RNA included)	GF-1 Viral Nucleic Acid Extraction Kit (Proteinase K & Carrier RNA included)
Ordering Information	GF-TRD-050 (50 preps) GF-TRD-100 (100 preps)	GF-RD-025 (25 preps) GF-RD-050 (50 preps) GF-RD-100 (100 preps) GF-RD-200 (200 preps) GF-RD-300 (300 preps)



QUANTITATIVE assay for REAL-TIME RT-PCR detection of COVID-19 genome

ViPrimePLUS 2019-nCoV RT-qPCR Kit

The **ViPrimePLUS 2019-nCoV RT-qPCR Kit** is a Taqman probe-based real-time PCR assay for the detection of 2019-nCoV genome in clinical samples (e.g. nasopharyngeal and oropharyngeal swab, bronchoalveolar lavage, tracheal aspirate, nasopharyngeal aspirate or nasal wash, sputum and serum.). This assay is intended for research use only.

- Exclusive detection of 2019 Coronavirus SARS-CoV-2 genome (COVID-19 or 2019-nCoV)
- Rapid detection and results obtained within 2 hours
- Highly specific detection profile: 10 to <100 copies target number per reaction
- High priming efficiency
- Included IEC control as extraction control and assay validation confirmation
- Ambient shipping

Kit Component

- 2019-nCoV Primers and Probe Mix (2019-nCoV PPM)
- Positive Control
- Internal Extraction Control Primers and Probe Mix (IEC PPM)
- Internal Extraction Control (IEC RNA)
- Nuclease Free Water
- Template Preparation Buffer

Recommended Product	ViPrimePLUS 2019-nCoV RT-qPCR Kit	ViPrimePLUS Lyophilized One Step qRT-PCR Master Mix
Ordering Information	QM5081	QLMM06
Pack Size	150 reactions	150 reactions



Vivantis's products are intended for research purposes only. However, we are already supplying and supporting customers who are working relentlessly to develop better diagnostics tools for the COVID-19 virus and are prepared to supply additional customers with the reagents they need to validate and develop them as diagnostic tools for lab-based or point-of-care settings.



Any requests to obtain any of these products in bulk quantities in relation with the COVID-19 crisis, please discuss with our team via email to info@vivanttechnologies.com.

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