QIAGEN's liquid-based sample-prep-and-detection kit helps labs ramp up COVID testing capacity by slashing processing times

- *artus® SARS-CoV-2 Prep&Amp UM cuts PCR processing times by two thirds*
- *Kit reliably detects SARS-CoV-2 infections with Omicron variant on all PCR instruments*
- *QIAseq DIRECT SARS-CoV-2 Kit allows labs to dramatically increase sequencing*

Hilden, Germany, and Germantown, Maryland, January 13, 2022 – QIAGEN today announced it is working with genetic laboratories around the world to increase COVID-19 testing capacity with its *artus*® SARS-CoV-2 Prep&Amp UM Kit that uses liquid-based sample-preparation technology to cut processing times for PCR results by up to two thirds. The company has significantly expanded production capacities to be able to meet the growing testing demand spurred by the emergence of the new Omicron variant.

Integrating sample preparation and detection into a single kit, *artus*® SARS-CoV-2 Prep&Amp UM enables labs to analyze samples in one hour – rather than the three hours typically required by standard extraction-based real-time PCR processes. The kit is compatible with all PCR machines and can support up to 672 samples being analyzed by one thermal cycler in one eight-hour shift.

"Since we started using this QIAGEN kit, we have been able to triple our PCR capacity to test for SARS-CoV-2," said Ludwig Knabl, medical head of the molecular biological laboratory of Tyrolpath Obrist Brunhuber GmbH. "*artus*® SARS-CoV-2 Prep&Amp UM is faster than standard processes and can detect the virus just as reliably, including the new Omicron variant. The kit's simple workflow accelerates turnaround and reduces the workload of our lab technicians."

QIAGEN's *artus*® SARS-CoV-2 Prep&Amp UM Kit has been CE-IVD registered for clinical use in the European Union and other markets and is available for research use in the United States. The kit combines liquid-based sample preparation – which takes no more than two minutes – with a real-time PCR assay. It comes with all the reagents required for sample-to-result testing of samples. The test is validated for different types of swabs as well as for crude saliva in asymptomatic and symptomatic patient populations.

"Our artus SARS-COV-2 Prep&AMP has been gaining significant traction in the market in times of surging global testing demand. Its novel sample-preparation technology enables laboratories to ramp up PCR-testing capacity using their existing infrastructure – a crucial factor as the Omicron variant of SARS-CoV-2 spreads quickly," said Kai te Kaat, Vice President, Program Lead Life Sciences Business Area at QIAGEN. "Having significantly expanded our production capacity, we are confident we will be able to satisfy surging demand from PCR labs."

QIAGEN is also helping laboratories develop a more comprehensive picture of circulating SARS-CoV-2 variants by enabling them to dramatically increase genomic surveillance using next-generation sequencing (NGS). The new enhanced QIAseq DIRECT SARS-CoV-2 Kit modifies the existing workflow to provide higher coverage and uniformity and requires less sequencing reads, allowing researchers to more quickly and easily identify and distinguish between multiple circulating Variants of Concern, (including the Omicron and Delta variants) even in samples with very low SARS-CoV-2 concentration.

More information on *artus*® SARS-CoV-2 Prep&Amp UM Kit can be found here.

More information on QIAseq DIRECT SARS-CoV-2 Kit can be found here.

For an overview of QIAGEN's coronavirus testing solutions, please visit http://www.qiagen.com/coronavirus.

About QIAGEN
QIAGEN N.V., a Netherlands-based holding company, is the leading global provider of Sample to Insight solutions that enable customers to gain valuable molecular insights from samples containing the building blocks of life. Our sample technologies isolate and process DNA, RNA and proteins from blood, tissue and other materials. Assay technologies make these biomolecules visible and ready for analysis. Bioinformatics software and knowledge bases interpret data to report relevant, actionable insights. Automation solutions tie these together in seamless and cost-effective workflows. QIAGEN provides solutions to more than 500,000 customers around the world in Molecular Diagnostics (human healthcare), Applied Testing (primarily forensics), Pharma (pharma and biotech companies) and Academia (life sciences research). As of December 31, 2020, QIAGEN employed more than 6,000 people in over 35 locations worldwide. Further information can be found at http://www.qiagen.com.

Forward-Looking Statement
Certain statements contained in this press release may be considered forward-looking statements within the meaning of Section 27A of the U.S. Securities Act of 1933, as amended, and Section 21E of the U.S. Securities Exchange Act of 1934, as amended. To the extent that any of the statements contained herein relating to QIAGEN's products, collaborations markets, strategy or operating results, including without limitation its expected adjusted net sales and adjusted diluted earnings results, are forward-looking, such statements are based on current expectations and assumptions that involve a number of uncertainties and risks. Such uncertainties and risks include, but are not limited to, risks associated with management of growth and international operations (including the effects of currency fluctuations, regulatory processes and dependence on logistics), variability of operating results and allocations between customer classes, the commercial development of markets for our products to customers in academia, pharma, applied testing and molecular diagnostics; changing relationships with customers, suppliers and strategic partners; competition; rapid or unexpected changes in technologies; fluctuations in demand for QIAGEN's products (including fluctuations due to general economic conditions, the level and timing of customers' funding, budgets and other factors); our ability to obtain regulatory approval of our products; difficulties in successfully adapting QIAGEN's products to integrated solutions and producing such products; the ability of QIAGEN to identify and develop new products and to differentiate and protect our products from competitors' products; market acceptance of QIAGEN's new products and the integration of acquired technologies and businesses. For further information, please refer to the discussions in reports that QIAGEN has filed with, or furnished to, the U.S. Securities and Exchange Commission (SEC).

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Contact QIAGEN:

Public Relations
Thomas Theuringer +49 2103 29 11826
Email: pr@qiagen.com