



MassARRAY[®] SARS-CoV-2 Panel

For IVD Use Under FDA EUA



Low-cost and high-throughput SARS-CoV-2 Testing

Laboratories require cost-effective testing solutions that can easily be scaled to meet the demands of the global COVID-19 pandemic. Current detection methods are limited in the number of samples that can be tested per run or cost too much. The MassARRAY[®] SARS-CoV-2 Panel from Agena Bioscience[®] enables laboratories to overcome these challenges with a high-throughput and low-cost assay for the detection of the SARS-CoV-2 coronavirus.

The MassARRAY[®] SARS-CoV-2 Panel

- **ACCURATE DETECTION** - Five SARS-CoV-2 assays multiplexed into one well targeting the nucleocapsid (*N*) gene, *ORF1*, and *ORF1ab* regions.
- **MAXIMIZE THROUGHPUT** - Process up to thousands of samples in a day with a single MassARRAY[®] System.
- **RELIABLE SUPPLY** - Overcome instrument and reagent shortages with a reliable supply.

For *in vitro* Diagnostic Use Under Emergency Use Authorization (EUA).

Agena[®]
BIOSCIENCE

ASSAY COMPONENTS

The MassARRAY® SARS-CoV-2 Panel is a single well, qualitative *in vitro* diagnostic assay containing the following:

- Three assays probing the viral nucleocapsid (*N*) gene
- One assay probing open reading frame 1, *ORF1*
- One assay probing *ORF1ab*
- One MS2 phage quality control assay to control for all steps from RNA extraction through to results

SPECIMENS

The SARS-CoV-2 Panel is designed for the qualitative detection of nucleic acid from SARS-CoV-2 in upper respiratory specimens and bronchoalveolar lavage (BAL) from individuals suspected of COVID-19 by their healthcare provider.

ASSAY WORKFLOW

The combined RT-PCR reaction together with high-throughput processing on the MassARRAY System enables testing up to hundreds or thousands of samples per day.



RNA Extraction

Automated
bead-based
RNA extraction



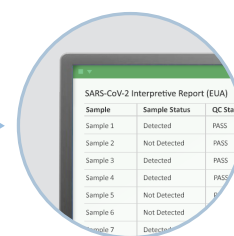
RT-PCR/SAP/Extension

Multiplex end-point RT-PCR
followed by a single base
extension reaction



Target Sequence Detection

Automated analyte transfer
and data acquisition



Results Reporting

Simple, user-friendly
reports

ORDERING INFORMATION

The assay panel sets are available in both 96 and 384 reaction formats to support varying sample throughput.

Catalog No.	Item	# Samples	Chip Format
13279F	MassARRAY SARS-CoV-2 Panel Set – CPM (10x96)	960	CPM-96
13278D	MassARRAY SARS-CoV-2 Panel Set – CPM (2x384)	768	CPM-384
13281D	MassARRAY SARS-CoV-2 Panel Set – CPM (10x384)	3840	CPM-384

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