



# MassARRAY<sup>®</sup> SARS-CoV-2 Panel



## 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<sup>®</sup> SARS-CoV-2 Panel from Agena Bioscience<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> System.
- **RELIABLE SUPPLY** - Overcome instrument and reagent shortages with a reliable supply.



## 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 MassARRAY® SARS-CoV-2 Panel is designed for the qualitative detection of nucleic acid from SARS-CoV-2 in upper respiratory (nasopharyngeal swab) specimens from individuals suspected of COVID-19 by their healthcare provider.

## ASSAY WORKFLOW

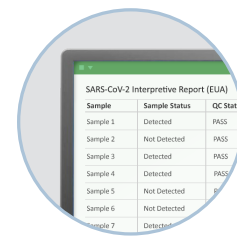
The combined RT-PCR reaction together with high-throughput processing on the MassARRAY System enables testing up to hundreds or thousands of samples per day.



**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
13279	MassARRAY SARS-CoV-2 Panel Set (10x96)	960	96
13279F	MassARRAY SARS-CoV-2 Panel Set – CPM (10x96)	960	CPM-96
13278	MassARRAY SARS-CoV-2 Panel Set (2x384)	768	384
13278D	MassARRAY SARS-CoV-2 Panel Set – CPM (2x384)	768	CPM-384
13281	MassARRAY SARS-CoV-2 Panel Set (10x384)	3840	384
13281D	MassARRAY SARS-CoV-2 Panel Set – CPM (10x384)	3840	CPM-384



Agena Bioscience, Inc.  
4755 Eastgate Mall  
San Diego, CA 92121  
Phone: +1.858.882.2800

Order Desk: +1.858.202.9301  
Order Desk Fax: +1.858.202.9220  
orderdesk@agenabio.com  
Web: agenabio.com

**US** +1.877.4.GENOME  
**EU** +49.40.899676.0  
**AP** +61.7.3088.1600  
**CN** +86.21.6427.0566

