



# 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 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 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.



## ASSAY COMPONENTS

The 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 nasopharyngeal swab, oropharyngeal swab and bronchoalveolar lavage (BAL) 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.



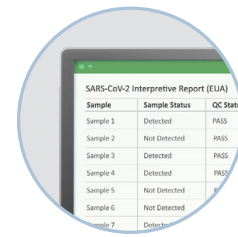
### RT-PCR/SAP/Extension

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



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