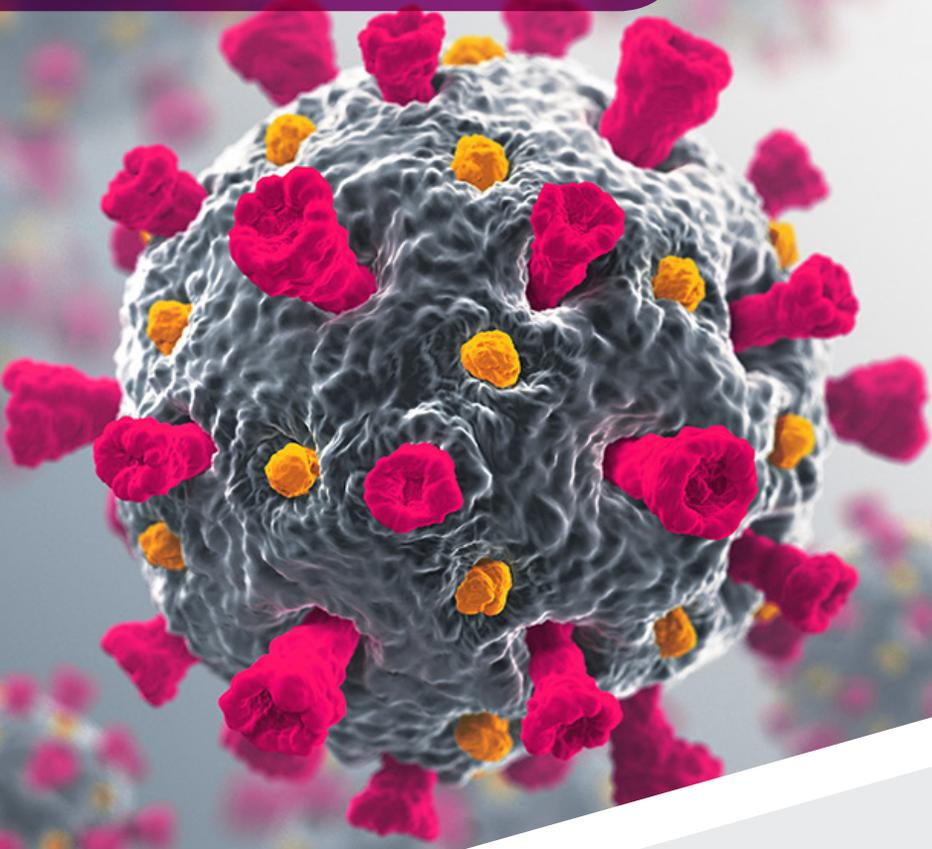


MassARRAY[®]
SARS-CoV-2/Flu
Panel (RUO)

High Throughput Detection of
SARS-CoV-2, Flu A & Flu B



For Research Use Only.
Not for use in diagnostic procedures.

Agena[®]
BIOSCIENCE

High-Throughput Differential Detection of SARS-CoV-2 & Flu A/B RNA

The MassARRAY® SARS-CoV-2/Flu Panel (RUO) is a multiplex RT-PCR test that simultaneously detects and differentiates between SARS-CoV-2 and Influenza A/B viral RNA from a single sample. It consolidates key SARS-CoV-2 target assays for built-in redundancy. Each assay targets highly conserved regions to ensure accurate detection.

- **ACCURATE DETECTION** - Dual-target approach for SARS-CoV-2, and sophisticated pan-assay design to detect RNA from all Flu A subtypes (including H1N1 and H3N2) and Flu B lineages.
- **MAXIMIZE THROUGHPUT** - Process thousands of samples in a full workday with the MassARRAY® System
- **COST-EFFECTIVE** - Low-cost reagents and single-well reactions expand detection coverage without the need for additional resources.

VIRAL GENE TARGETS



SARS-CoV-2

Dual Target Assay

ORF1 gene
N3 gene



Influenza A

Pan Subtype Assay

Matrix gene



Influenza B

Pan Lineage Assay

Nucleoprotein gene

Dual Internal Controls

RNase P

- Endogenous control
- Verifies addition of sample and assesses sample quality

MS2

- Exogenous control
- Verifies the extraction process

Single Multiplex Reaction

All targets are multiplexed into a single well, enabling labs to test for multiple targets without a reduction in testing capacity or additional resources.



- 1x Flu A Assay
- 1x Flu B Assay
- 2x SARS-CoV-2 Assays
- RNase P Control
- MS2 Control

WORKFLOW

A one-step RT-PCR reaction together with high-throughput processing on the MassARRAY System enables testing of thousands of samples per day.



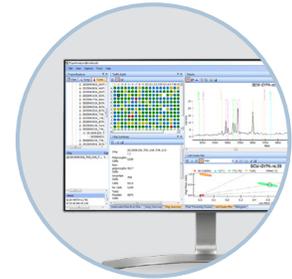
RT-PCR/SAP/Extension

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



Target Sequence Detection

Automated analyte transfer and data acquisition



Data Analysis

Data display and report generation

96 FORMAT



Run Time: **180 Mins**
Hands-on Time: 23 Min



Run Time: **100 Mins**
Hands-on Time: 5 Min



Hands-on Time:
5-10 Min

384 FORMAT



Run Time: **180 Mins**
Hands-on Time: 23 Min



Run Time: **140 Mins**
Hands-on Time: 5 Min



Hands-on Time:
5-10 Min

SINGLE SHIFT RESULTS

The MassARRAY SARS-CoV-2/Flu Panel has been developed with an optimized chemistry that drastically shortens processing time, allowing laboratories to report results within an 8-hour shift (does not include extraction).



The Advantages of Agena's MassARRAY SARS-CoV-2/Flu Panel (RUO)



Reliable Reagent Supply

Test confidently without the concern of testing interruptions from supply challenges.



Multiple Target Detection

Detect and differentiate RNA from SARS-CoV-2, Flu A and Flu B.



All-in-One Reaction

Helps laboratories to effectively manage resources.



High-Throughput Testing

Supports high-volume testing to manage 1000s of results per day.

ORDERING INFORMATION

Each kit contains assay-specific primers and all the required reagents to process RNA samples on the Agena Bioscience MassARRAY System.

| Catalog No. | Product | # of Samples | Array Format |
|-------------|---|--------------|--------------|
| 13309F | MassARRAY SARS-CoV-2/Flu Panel (RUO) - CPM (10 x 96) | 960 | 96 CPM |
| 13310D | MassARRAY SARS-CoV-2/Flu Panel (RUO) - CPM (10 x 384) | 3840 | 384 CPM |

| Catalog No. | Item |
|-------------|--|
| 10445 | MassARRAY System with Chip Prep Module, 96 Genotyping |
| 10447 | MassARRAY System with Chip Prep Module, 384 Genotyping |

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