

## CD SARS-CoV-2 Panel 7 (ACE2) Kit

**Catalog Number:** AK2184

| Catalog Number 2 | Size          | Price in USD                   |
|------------------|---------------|--------------------------------|
| AK2184-2         | 5 plate size  | <a href="#">Online Inquiry</a> |
| AK2184-4         | 25 plate size | <a href="#">Online Inquiry</a> |

| Product Information |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name        | CD SARS-CoV-2 Panel 7 (ACE2) Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Description         | The CD SARS-CoV-2 Panel 7 (ACE2) Kit is a multiplex neutralization assay that measures the antibodies capable of blocking the binding of angiotensin-converting enzyme 2 (ACE2) to the SARS-CoV-2 Spike and RBD antigens. The Panel serves as a high-throughput alternative to traditional neutralization assays. It includes nine (9) important antigens related to SARS-CoV-2, including new variants of the SARS-CoV-2 virus: SARS-CoV-2 N, SARS-CoV-2 S1 RBD, SARS-CoV-2 S1 RBD (P.1), SARS-CoV-2 S1 RBD (B.1.351), SARS-CoV-2 S1 RBD (B.1.1.7), SARS-CoV-2 Spike, SARS-CoV-2 Spike (P.1), SARS-CoV-2 Spike (B.1.351), SARS-CoV-2 Spike (B.1.1.7). |
| Analytes            | SARS-CoV-2 N, SARS-CoV-2 S1 RBD, SARS-CoV-2 S1 RBD (B.1.1.7), SARS-CoV-2 S1 RBD (B.1.351), SARS-CoV-2 S1 RBD (P.1), SARS-CoV-2 Spike, SARS-CoV-2 Spike (B.1.1.7), SARS-CoV-2 Spike (B.1.351), SARS-CoV-2 Spike (P.1)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Instruments         | SECTOR Imager 2400 , MESO QuickPlex SQ 120MM , MESO SECTOR S 600 , SECTOR Imager 6000 , MESO SECTOR S 600MM , MESO QuickPlex SQ 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sample Type         | Serum, Plasma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Schedule B Code     | 3002.15.0100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Plate Type          | 96-well                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Usage               | For Research Use Only. Not for use in diagnostic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage Conditions  | Multi-Component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

### Kit Contents

#### AK2184-2

| Product Description          | Storage | Quantity per Kit     |
|------------------------------|---------|----------------------|
| ACE2 Calibration Reagent     | 2-8 °C  | 1 vial(65 µL)        |
| SULFO-TAG Human ACE2 Protein | 2-8 °C  | 1 vial(5 plate size) |
| SARS-CoV-2 Plate 7           | 2-8 °C  | 5 each(1 each)       |
|                              |         |                      |

**Kit Contents**

|                        |        |                  |
|------------------------|--------|------------------|
| Diluent 100            | 2-8 °C | 1 bottle(200 mL) |
| MSD GOLD Read Buffer B | RT     | 1 bottle(90 mL)  |
| Wash Buffer 20X        | RT     | 1 bottle(100 mL) |
| MSD Blocker A          | RT     | 1 bottle(250 mL) |
| MSD Phosphate Buffer5X | RT     | 1 bottle(50 mL)  |

**AK2184-4**

| Product Description          | Storage | Quantity per Kit     |
|------------------------------|---------|----------------------|
| ACE2 Calibration Reagent     | 2-8 °C  | 5 vial(65 µL)        |
| SULFO-TAG Human ACE2 Protein | 2-8 °C  | 5 vial(5 plate size) |
| SARS-CoV-2 Plate 7           | 2-8 °C  | 25 each(1 each)      |
| Diluent 100                  | 2-8 °C  | 5 bottle(200 mL)     |
| MSD GOLD Read Buffer B       | RT      | 5 bottle(90 mL)      |
| Wash Buffer 20X              | RT      | 5 bottle(100 mL)     |
| MSD Blocker A                | RT      | 5 bottle(250 mL)     |
| MSD Phosphate Buffer5X       | RT      | 5 bottle(50 mL)      |