

## CD SARS-CoV-2 Panel 18 (IgG) Kit

**Catalog Number:** AK2140

| Catalog Number 2 | Size          | Price in USD                   |
|------------------|---------------|--------------------------------|
| AK2140-2         | 5 plate size  | <a href="#">Online Inquiry</a> |
| AK2140-4         | 25 plate size | <a href="#">Online Inquiry</a> |

| Product Information |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name        | CD SARS-CoV-2 Panel 18 (IgG) Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Description         | The CD SARS-CoV-2 Panel 18 (IgG) Kit is a multiplex serology assay for antibodies to ten Spike antigens from variants of SARS-CoV-2, including the Alpha, Beta, Gamma, Delta, and several emerging variants. Panel 18 has Spike antigens from the following lineages: A (WT), (B.1.1.7), (B.1.351), (B.1.526.1), (B.1.617), (B.1.617.1), (B.1.617.2; AY.4) Alt Seq 2, (B.1.617.3), (P.1), and (P.2). Note: Alternative S-GENE mutations for Spike of B.1.617.2 are listed as "Alt Seq #." |
| Analytes            | SARS-CoV-2 Spike, SARS-CoV-2 Spike (B.1.1.7), SARS-CoV-2 Spike (B.1.351), SARS-CoV-2 Spike (B.1.526.1), SARS-CoV-2 Spike (B.1.617), SARS-CoV-2 Spike (B.1.617.1), SARS-CoV-2 Spike (B.1.617.2; AY.4), SARS-CoV-2 Spike (B.1.617.3), SARS-CoV-2 Spike (P.1), SARS-CoV-2 Spike (P.2)                                                                                                                                                                                                        |
| 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, Saliva, Upper Respiratory Sample                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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

#### AK2140-2

| Product Description                  | Storage | Quantity per Kit     |
|--------------------------------------|---------|----------------------|
| Serology Control 1.2                 | ≤-70 °C | 1 vial(1 mL)         |
| Serology Control 1.3                 | ≤-70 °C | 1 vial(1 mL)         |
| Reference Standard 1                 | ≤-70 °C | 1 vial(1 mL)         |
| SULFO-TAG Anti-Human IgG Antibody, 5 | 2-8 °C  | 1 vial(5 plate size) |

## Kit Contents

| Plate                  |         |                   |
|------------------------|---------|-------------------|
| SARS-CoV-2 Plate 18    | 2-8 °C  | 5 each(1 each)    |
| Diluent 100            | 2-8 °C  | 1 bottle(1000 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)   |
| Serology Control 1.1   | ≤-70 °C | 1 vial(1 mL)      |

## AK2140-4

| Product Description                        | Storage | Quantity per Kit     |
|--------------------------------------------|---------|----------------------|
| MSD Phosphate Buffer5X                     | RT      | 5 bottle(50 mL)      |
| MSD Blocker A                              | RT      | 5 bottle(250 mL)     |
| Wash Buffer 20X                            | RT      | 5 bottle(100 mL)     |
| MSD GOLD Read Buffer B                     | RT      | 5 bottle(90 mL)      |
| Diluent 100                                | 2-8 °C  | 5 bottle(1000 mL)    |
| SARS-CoV-2 Plate 18                        | 2-8 °C  | 25 each(1 each)      |
| SULFO-TAG Anti-Human IgG Antibody, 5 Plate | 2-8 °C  | 5 vial(5 plate size) |
| Reference Standard 1                       | ≤-70 °C | 5 vial(1 mL)         |
| Serology Control 1.3                       | ≤-70 °C | 5 vial(1 mL)         |
| Serology Control 1.2                       | ≤-70 °C | 5 vial(1 mL)         |
| Serology Control 1.1                       | ≤-70 °C | 5 vial(1 mL)         |