

## CD SARS-CoV-2 Panel 33 (IgA) Kit

**Catalog Number:** AK2086

| Catalog Number 2 | Size          | Price in USD                   |
|------------------|---------------|--------------------------------|
| AK2086-2         | 5 plate size  | <a href="#">Online Inquiry</a> |
| AK2086-4         | 25 plate size | <a href="#">Online Inquiry</a> |

| Product Information |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name        | CD SARS-CoV-2 Panel 33 (IgA) Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description         | The CD SARS-CoV-2 Panel 33 (IgA) Kit is a multiplex serology assay for antibodies to nine RBD antigens from the Omicron variant of SARS-CoV-2. It includes antigens from several emerging Omicron sublineages, including XBB.1, BF.7, BQ.1, BQ.1.1, BA.4.6, and BA.2.75.2. Panel 33 includes: A (WT), (B.1.1.529; BA.1; BA.1.15), (BA.2.75), (BA.2.75.2), (BA.4; BA.5), (BA.4.6; BF.7), (BQ.1), (BQ.1.1), and (XBB.1).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Analytes            | SARS-CoV-2 S1 RBD, SARS-CoV-2 S1 RBD (G339D, R346T, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, K444T, L452R, N460K, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339D, R346T, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, K444T, L452R, N460K, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452RS477N, T478K, E484A, F486V, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339H, R346T, L368I, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, V445P, G446S, N460K, S477N, T478K, E484A, F486S, F490S, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339H, R346T, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, G446S, N460K, S477N, T478K, E484A, F486S, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339H, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, G446S, N460K, S477N, T478K, E484A, Q498R, N501Y, Y505H) |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Plate Type          | 96-well                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Usage               | For Research Use Only. Not for use in diagnostic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage Conditions  | Multi-Component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Kit Contents

### AK2086-2

| 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 | 2 vial(1 mL)         |
| SULFO-TAG Anti-Human IgA Antibody, 5 Plate | 2-8 °C  | 1 vial(5 plate size) |
| SARS-CoV-2 Plate 33                        | 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)         |

### AK2086-4

| 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 33                        | 2-8 °C  | 25 each(1 each)      |
| SULFO-TAG Anti-Human IgA Antibody, 5 Plate | 2-8 °C  | 5 vial(5 plate size) |
| Reference Standard 1                       | ≤-70 °C | 10 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)         |