

CD SARS-CoV-2 Key Variant Spike Panel 1 (IgM) Kit

Catalog Number: AK2091

Catalog Number 2	Size	Price in USD
AK2091-2	5 plate size	Online Inquiry
AK2091-4	25 plate size	Online Inquiry

Product Information	
Product Name	CD SARS-CoV-2 Key Variant Spike Panel 1 (IgM) Kit
Description	The CD SARS-CoV-2 Key Variant Spike Panel 1 (IgM) Kit is a multiplex serology assay for antibodies to Spike antigens from key past and present variants of SARS CoV-2. It includes antigens from Alpha, Beta, Delta, and several sublineages of Omicron. Key Variant Spike Panel 1 includes: A (WT), (B.1.1.7), (B.1.1.529; BA.1; BA.1.15), (B.1.351), (B.1.617.2; AY.4) Alt Seq 2, (BA.2; BA.2.1; BA.2.2; BA.2.3; BA.2.5; BA.2.6; BA.2.7; BA.2.8; BA.2.10; BA.2.12), (BA.2.12.1), (BA.2.75), and (BA.5). Note: Alternative S-GENE mutations for Spike of B.1.617.2 are listed as "Alt Seq #."
Analytes	SARS-CoV-2 N, SARS-CoV-2 Spike, SARS-CoV-2 Spike (B.1.1.7), SARS-CoV-2 Spike (B.1.1.529; BA.1), SARS-CoV-2 Spike (B.1.351), SARS-CoV-2 Spike (B.1.617.2; AY.4), SARS-CoV-2 Spike (BA.2), SARS-CoV-2 Spike (BA.2.12.1), SARS-CoV-2 Spike (BA.2.75), SARS-CoV-2 Spike (BA.5)
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

AK2091-2

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 IgM Antibody, 5 Plate	2-8 °C	1 vial(5 plate size)

Kit Contents

SARS-CoV-2 Key Variant Spike Plate 1	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)

AK2091-4

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 Key Variant Spike Plate 1	2-8 °C	25 each(1 each)
SULFO-TAG Anti-Human IgM 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)