

CD SARS-CoV-2 Panel 28 (Mouse IgM) Kit

Catalog Number: AK2265

Catalog Number 2	Size	Price in USD
AK2265-2	5 plate size	Online Inquiry
AK2265-4	25 plate size	Online Inquiry

Product Information	
Product Name	CD SARS-CoV-2 Panel 28 (Mouse IgM) Kit
Description	The CD SARS-CoV-2 Panel 28 (Mouse IgM) Kit is a qualitative multiplex serology assay for mouse antibodies to ten RBD antigens from variants of SARS-CoV-2. It includes antigens from Alpha, Beta, Delta, and several sublineages of Omicron, including BA.2, BA.2.12.1, BA.3, BA.4, BA.5, and two BA.2 RBD antigens with extra mutations predicted to further evade neutralization. Panel 28 includes: A (WT), (B.1.1.7), (B.1.351; B.1.351), (AY.3; AY.4; AY.4.2; AY.5; AY.6; AY.7; AY.12; AY.14; B.1.617.2; B.1.617.2+ΔY144), (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.2.10.1; BA.2.12), (BA.2.12.1), (BA.2+L452M), (BA.2+L452R), (BA.3), and (BA.4; BA.5).
Analytes	SARS-CoV-2 S1 RBD, SARS-CoV-2 S1 RBD (G339D, S371F, S373P, S375F, D405N, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452M, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452Q, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, Q493R, 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, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H), SARS-CoV-2 S1 RBD (K417N, E484K, N501Y), SARS-CoV-2 S1 RBD (L452R, T478K), SARS-CoV-2 S1 RBD (N501Y)
Species	Mouse
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**AK2265-2**

Product Description	Storage	Quantity per Kit
SULFO-TAG Anti-Mouse IgM Antibody, 5 Plate	2-8 °C	1 vial(5 plate size)
SARS-CoV-2 Plate 28	2-8 °C	5 each(1 each)
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)

AK2265-4

Product Description	Storage	Quantity per Kit
SULFO-TAG Anti-Mouse IgM Antibody, 5 Plate	2-8 °C	5 vial(5 plate size)
SARS-CoV-2 Plate 28	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)