

CD SARS-CoV-2 Key Variant RBD Panel 1 (ACE2) Kit

Catalog Number: AK2090

Catalog Number 2	Size	Price in USD
AK2090-2	5 plate size	Online Inquiry
AK2090-4	25 plate size	Online Inquiry

Product Information

Product Name	CD SARS-CoV-2 Key Variant RBD Panel 1 (ACE2) Kit
Description	The CD SARS-CoV-2 Key Variant RBD Panel 1 (ACE2) Kit is a multiplex assay for antibodies that block the binding of ACE2 to RBD 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 RBD Panel 1 includes: A (WT), (B.1.1.7), (B.1.1.529; BA.1; BA.1.15), (B.1.351; B.1.351.1), (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+Δ144), (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.4; BA.5).
Analytes	SARS-CoV-2 N, SARS-CoV-2 S1 RBD, 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, 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 (G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, 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), SARS-CoV-2 S1 RBD (K417N, E484K, N501Y), SARS-CoV-2 S1 RBD (L452R, T478K), SARS-CoV-2 S1 RBD (N501Y)
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
Plate Type	96-well
Usage	For Research Use Only. Not for use in diagnostic procedures.
Storage Conditions	Multi-Component

Kit Contents

AK2090-2

Kit Contents

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

AK2090-4

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