

CD Biomarker Group 1 (mouse) 50-Plex

Catalog Number: AK1615

Catalog Number 2	Size	Price in USD
AK1615-1	1 plate size	Online Inquiry
AK1615-2	5 plate size	Online Inquiry
AK1615-4	25 plate size	Online Inquiry

Product Information	
Product Name	CD Biomarker Group 1 (mouse) 50-Plex
Description	The CD Biomarker Group 1 (mouse) 50-Plex is a panel of biomarkers that has been tested for multiplex compatibility and is fulfilled as a kit. It contains an extensive combination of assays for mouse cytokines and chemokines that are involved in immune responses and regulation (Table 1). The assays can be used for quantitative measurements in serum, plasma, or cell culture supernatants, and offer detection limits (LLODs) in the sub- to low pg/mL range.
Applications	Cytokines & Chemokines , Immunology/Inflammation
Analytes	6CKine/CCL21, BAFF, BCA-1/BLC, CD40/TNFRSF5, Eotaxin, EPO, GM-CSF, IFN- α , IFN- β , IFN- γ , IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-9, IL-10, IL-12/IL-23p40, IL-12p70, IL-13, IL-15, IL-16, IL-17A, IL-17A/F, IL-17C, IL-17E/IL-25, IL-17F, IL-21, IL-22, IL-23, IL-27p28/IL-30, IL-31, IL-33, IP-10, KC/GRO, MCP-1, MCP-5/CCL12, MDC, MIP-1 α , MIP-1 β , MIP-2, MIP-3 α , MMP-9 (total), NGAL/LCN2, RANTES, SDF-1 α , TARC, TNF- α , TNF-RI, VEGF-A
Species	Mouse
Instruments	SECTOR Imager 2400 , SECTOR Imager 6000 , MESO QuickPlex SQ 120 , MESO QuickPlex SQ 120MM , MESO SECTOR S 600 , MESO SECTOR S 600MM
Sample Type	EDTA Plasma, Serum
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		
AK1615-1		
Product Description	Storage	Quantity per Kit
Mouse 50-Plex, Box 1 of 6	Multi-Component	1 each(1 plate size)

Kit Contents		
CD Linker Set, 10-Assay (300 µL)	2-8 °C	1 each(1 vial)
CD Mouse IFN-γ Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-1β Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-2 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-6 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-12p70 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse TNF-α Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse GM-CSF Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-5 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse KC/GRO Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse EPO Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 5	2-8 °C	1 vial(1 vial)
CD 10-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	≤-10 °C	1 bottle(10 mL)
Diluent 45	≤-10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)
Mouse 50-Plex, Box 2 of 6	Multi-Component	1 each(1 plate size)
CD Linker Set, 10-Assay (300 µL)	2-8 °C	1 each(1 vial)
CD Mouse IL-4 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-10 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-13 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-15 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse VEGF-A Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-17F Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-27p28/IL-30 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-31 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-33 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-23 Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 5	2-8 °C	1 vial(1 vial)
Calibrator 7	2-8 °C	1 vial(1 vial)
Calibrator 8	2-8 °C	1 vial(1 vial)

Kit Contents

CD 10-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	≤-10 °C	1 bottle(10 mL)
Diluent 45	≤-10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)
Mouse 50-Plex, Box 3 of 6	Multi-Component	1 each(1 plate size)
CD Linker Set, 10-Assay (300 µL)	2-8 °C	1 each(1 vial)
CD Mouse IFN-β Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-12/IL-23p40 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-16 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-17A Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-17E/IL-25 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-21 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-22 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-17C Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse MDC Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse MCP-5/CCL12 Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 7	2-8 °C	1 vial(1 vial)
Calibrator 16	≤-70 °C	1 vial(1 vial)
CD 10-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	≤-10 °C	1 bottle(10 mL)
Diluent 45	≤-10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)
Mouse 50-Plex, Box 4 of 6	Multi-Component	1 each(1 plate size)
CD Linker Set, 10-Assay (300 µL)	2-8 °C	1 each(1 vial)
CD Mouse CD40 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse BCA-1/BLC Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IP-10 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse MCP-1 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse MIP-1α Antibody Set	2-8 °C	1 each(1 plate size)

Kit Contents		
CD Mouse MIP-1 β Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse MIP-3 α Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-17A/F Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-9 Antibody Set (1 Plate Size)	2-8 °C	1 each(1 plate size)
CD Mouse MIP-2 Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 12	2-8 °C	1 vial(1 vial)
Calibrator 16	$\leq$ -70 °C	1 vial(1 vial)
CD 10-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	$\leq$ -10 °C	1 bottle(10 mL)
Diluent 45	$\leq$ -10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)
Mouse 50-Plex, Box 5 of 6	Multi-Component	1 each(1 plate size)
CD Linker Set, 7-Assay (300 μ L)	2-8 °C	1 each(1 vial)
CD Mouse TNF-RI Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse RANTES Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse TARC Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse Eotaxin Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse SDF-1 α Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IFN- α Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse MMP-9 (total) Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 17	2-8 °C	1 vial(1 vial)
Mouse IFN- α Calibrator	2-8 °C	1 vial(1 vial)
CD 7-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	$\leq$ -10 °C	1 bottle(10 mL)
Diluent 45	$\leq$ -10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)
Mouse 50-Plex, Box 6 of 6	Multi-Component	1 each(1 plate size)
CD Linker Set, 3-Assay (300 μ L)	2-8 °C	1 each(1 vial)
CD Mouse BAFF Antibody Set	2-8 °C	1 each(1 plate size)

Kit Contents		
CD Mouse 6CKine/CCL21 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse NGAL/LCN2 Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 16	≤-70 °C	1 vial(1 vial)
Calibrator 17	2-8 °C	1 vial(1 vial)
CD 3-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	≤-10 °C	1 bottle(10 mL)
Diluent 45	≤-10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)

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Product Description	Storage	Quantity per Kit
CD Linker Set, 10-Assay (300 µL)	2-8 °C	1 each(1 vial)
CD Mouse IFN-γ Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-1β Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-2 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-6 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-12p70 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse TNF-α Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse GM-CSF Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-5 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse KC/GRO Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse EPO Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 5	2-8 °C	1 vial(1 vial)
CD 10-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	≤-10 °C	1 bottle(10 mL)
Diluent 45	≤-10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)

AK1615-4

Product Description	Storage	Quantity per Kit
CD Linker Set, 10-Assay (300 µL)	2-8 °C	1 each(1 vial)

Kit Contents

CD Mouse IL-4 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-10 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-13 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-15 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse VEGF-A Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-17F Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-27p28/IL-30 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-31 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-33 Antibody Set	2-8 °C	1 each(1 plate size)
CD Mouse IL-23 Antibody Set	2-8 °C	1 each(1 plate size)
Calibrator 5	2-8 °C	1 vial(1 vial)
Calibrator 7	2-8 °C	1 vial(1 vial)
Calibrator 8	2-8 °C	1 vial(1 vial)
CD 10-Assay, 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Diluent 41	≤-10 °C	1 bottle(10 mL)
Diluent 45	≤-10 °C	1 bottle(8 mL)
CD Stop Solution	2-8 °C	1 bottle(40 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)