

CD Human IL-4 Kit

Catalog Number: AK2377

Catalog Number 2	Size	Price in USD
AK2377-1	1 plate size	Online Inquiry
AK2377-2	5 plate size	Online Inquiry
AK2377-4	25 plate size	Online Inquiry

Product Information

Product Name	CD Human IL-4 Kit
Description	CD is MSD's ultra-sensitive assay platform. It can dramatically improve the sensitivity of immunoassays, reducing the lower limit of detection (LLOD) by 10- to 1000-fold over other assay methods. The CD Human IL-4 Assay has the essential components for an ultrasensitive assay that measures IL-4 in a single-analyte format. For detailed instructions on running the IL-4 assay, please see the product insert in the "Documentation" tab below. Related Key Terms: IL4, BCGF-1, BCGF1, BSF-1, BSF1, interleukin 4, intrinsic asthma, vernal conjunctivitis
Applications	Cytokines & Chemokines , Immunology/Inflammation
Analytes	IL-4
Species	Human
Instruments	SECTOR Imager 2400 , SECTOR Imager 6000 , MESO QuickPlex SQ 120 , MESO SECTOR S 600 , MESO QuickPlex SQ 120MM , MESO SECTOR S 600MM
Sensitivity	0.54 fg/mL
Dynamic Range	0.54 - 9,000 fg/mL
Sample Type	Serum, Plasma, Cell Culture Supernatant
Gene ID	3565
UniProt ID	P05112
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

AK2377-1

Product Description	Storage	Quantity per Kit
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Kit Contents		
CD Enhance E1 (4X)	≤-10 °C	1 each(1.7 mL)
Diluent 100	2-8 °C	1 bottle(50 mL)
CD 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
Human IL-4 Calibrator	2-8 °C	1 vial(1 vial)
CD Coating Reagent C1	≤-70 °C	1 vial(300 µL)
Diluent Assembly 21 (includes Diluent 2 – 8 mL, and Diluent 3 – 8 mL)	≤-10 °C	1 each(1 each)
Blocker S1	≤-10 °C	1 vial(500 µL)
MSD GOLD Read Buffer A	RT	1 bottle(18 mL)
CD Enhance E3 (200X)	≤-70 °C	1 each(50 µL)
CD Enhance E2	≤-10 °C	1 vial(1.7 mL)
CD Detect D1 (4X)	≤-70 °C	1 each(1.7 mL)
CD Detect D2 (200X)	≤-70 °C	1 each(50 µL)
CD Human IL-4 Antibody Set	2-8 °C	1 each(1 plate size)

AK2377-2

Product Description	Storage	Quantity per Kit
CD Coating Reagent C1	≤-70 °C	1 vial(300 µL)
CD Human IL-4 Antibody Set	2-8 °C	1 each(5 plate size)
CD Detect D1 (4X)	≤-70 °C	5 each(1.7 mL)
CD Enhance E2	≤-10 °C	5 vial(1.7 mL)
CD Enhance E1 (4X)	≤-10 °C	5 each(1.7 mL)
Blocker S1	≤-10 °C	1 vial(500 µL)
MSD GOLD Read Buffer A	RT	1 bottle(90 mL)
CD Detect D2 (200X)	≤-70 °C	5 each(50 µL)
Diluent Assembly 22 (includes Diluent 2 – 40 mL, and Diluent 3 – 40 mL)	≤-10 °C	1 each(1 each)
Diluent 100	2-8 °C	1 bottle(50 mL)
CD Enhance E3 (200X)	≤-70 °C	5 each(50 µL)
CD 96-Well SECTOR Plate	2-8 °C	5 each(1 plate)
Human IL-4 Calibrator	2-8 °C	5 vial(1 vial)

AK2377-4

Product Description	Storage	Quantity per Kit

Kit Contents		
CD Enhance E3 (200X)	≤-70 °C	25 each(50 µL)
CD 96-Well SECTOR Plate	2-8 °C	25 each(1 plate)
MSD GOLD Read Buffer A	RT	5 bottle(90 mL)
CD Enhance E2	≤-10 °C	25 vial(1.7 mL)
CD Enhance E1 (4X)	≤-10 °C	25 each(1.7 mL)
Diluent Assembly 22 (includes Diluent 2 – 40 mL, and Diluent 3 – 40 mL)	≤-10 °C	5 each(1 each)
CD Human IL-4 Antibody Set	2-8 °C	5 each(5 plate size)
Diluent 100	2-8 °C	5 bottle(50 mL)
CD Coating Reagent C1	≤-70 °C	5 vial(300 µL)
CD Detect D2 (200X)	≤-70 °C	25 each(50 µL)
Human IL-4 Calibrator	2-8 °C	25 vial(1 vial)
CD Detect D1 (4X)	≤-70 °C	25 each(1.7 mL)
Blocker S1	≤-10 °C	5 vial(500 µL)