

CD Human IL-1 β Kit

Catalog Number: AK2365

Catalog Number 2	Size	Price in USD
AK2365-1	1 plate size	Online Inquiry
AK2365-2	5 plate size	Online Inquiry
AK2365-4	25 plate size	Online Inquiry

Product Information

Product Name	CD Human IL-1 β 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-1 β Assay has the essential components for an ultra-sensitive assay that measures IL-1 β in a single-analyte format. For detailed instructions on running the IL-1 β assay, please see the product insert in the "Documentation" tab below. Related Key Terms: IL1F2, catabolin, proinflammatory, cytokine, interleukin 1 cytokine family, pyrogen, inflammation, angiogenesis, Th17, Th9, autoimmunity, allergy, asthma, multiple sclerosis
Applications	Cytokines & Chemokines , Immunology/Inflammation
Analytes	IL-1 β
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
Sensitivity	19 fg/mL
Dynamic Range	19 - 70,000 fg/mL
Sample Type	Serum, Plasma, Cell Culture Supernatant, CSF, Urine
Gene ID	3553
UniProt ID	P01584
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

AK2365-1

Kit Contents		
Product Description	Storage	Quantity per Kit
CD Enhance E1	≤-10 °C	1 each(1.7 mL)
Diluent 58	≤-10 °C	1 bottle(10 mL)
Blocker S1	≤-10 °C	1 vial(500 µL)
CD Enhance E3	≤-70 °C	1 each(50 µL)
CD Enhance E2	≤-10 °C	1 vial(1.7 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)
Diluent 59	2-8 °C	1 bottle(8 mL)
Diluent 100	2-8 °C	1 bottle(50 mL)
CD 96-Well SECTOR Plate	2-8 °C	1 each(1 plate)
CD Detect D1	≤-70 °C	1 each(1.7 mL)
CD Detect D2	≤-70 °C	1 each(50 µL)
CD Coating Reagent C1	≤-70 °C	1 vial(300 µL)
Human IL-1β Calibrator	2-8 °C	1 vial(1 vial)
CD Human IL-1β Antibody Set	2-8 °C	1 each(1 plate size)

AK2365-2

Product Description	Storage	Quantity per Kit
Diluent 100	2-8 °C	1 bottle(50 mL)
Blocker S1	≤-10 °C	1 vial(500 µL)
CD Enhance E3	≤-70 °C	5 each(50 µL)
CD Enhance E2	≤-10 °C	5 vial(1.7 mL)
CD Enhance E1	≤-10 °C	5 each(1.7 mL)
MSD GOLD Read Buffer B	RT	1 bottle(90 mL)
Diluent 59	2-8 °C	1 bottle(40 mL)
CD Detect D1	≤-70 °C	5 each(1.7 mL)
CD Detect D2	≤-70 °C	5 each(50 µL)
CD Coating Reagent C1	≤-70 °C	1 vial(300 µL)
Human IL-1β Calibrator	2-8 °C	5 vial(1 vial)
CD Human IL-1β Antibody Set	2-8 °C	1 each(5 plate size)
Diluent 58	≤-10 °C	1 bottle(50 mL)
CD 96-Well SECTOR Plate	2-8 °C	5 each(1 plate)

Kit Contents
AK2365-4

Product Description	Storage	Quantity per Kit
Blocker S1	≤-10 °C	5 vial(500 µL)
CD Enhance E3	≤-70 °C	25 each(50 µL)
CD Enhance E2	≤-10 °C	25 vial(1.7 mL)
CD Enhance E1	≤-10 °C	25 each(1.7 mL)
MSD GOLD Read Buffer B	RT	5 bottle(90 mL)
Diluent 59	2-8 °C	5 bottle(40 mL)
Diluent 100	2-8 °C	5 bottle(50 mL)
CD 96-Well SECTOR Plate	2-8 °C	25 each(1 plate)
CD Detect D1	≤-70 °C	25 each(1.7 mL)
CD Detect D2	≤-70 °C	25 each(50 µL)
CD Coating Reagent C1	≤-70 °C	5 vial(300 µL)
Human IL-1β Calibrator	2-8 °C	25 vial(1 vial)
CD Human IL-1β Antibody Set	2-8 °C	5 each(5 plate size)
Diluent 58	≤-10 °C	5 bottle(50 mL)