

## CD Human CTLA-4 Kit

**Catalog Number:** AK2359

Catalog Number 2	Size	Price in USD
AK2359-1	1 plate size	<a href="#">Online Inquiry</a>
AK2359-2	5 plate size	<a href="#">Online Inquiry</a>
AK2359-4	25 plate size	<a href="#">Online Inquiry</a>

### Product Information

Product Name	CD Human CTLA-4 Kit
Description	CD is MSD's ultrasensitive 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 CTLA-4 Assay has the essential components for an ultrasensitive assay that measures CTLA-4 in a single-analyte format. For detailed instructions on running the CTLA-4 assay, please see the product insert in the "Documentation" tab below. Related Key Terms: cytotoxic T-lymphocyte associated protein 4, ALPS5, CD152, immune checkpoint receptor, CD80 ligand, CD86 ligand, T cell activity, diabetes, Graves' disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy
Applications	Immunology/Inflammation
Analytes	CTLA-4
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	32 fg/mL
Dynamic Range	32 - 170,000 fg/mL
Sample Type	Serum, Plasma, Cell Culture Supernatant
Gene ID	1493
UniProt ID	P16410
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

**AK2359-1**

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 CTLA-4 Calibrator	2-8 °C	1 vial(1 vial)
CD Human CTLA-4 Antibody Set	2-8 °C	1 each(1 plate size)

**AK2359-2**

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 CTLA-4 Calibrator	2-8 °C	5 vial(1 vial)
CD Human CTLA-4 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)

**AK2359-4**

**Kit Contents**

<b>Product Description</b>	<b>Storage</b>	<b>Quantity per Kit</b>
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 CTLA-4 Calibrator	2-8 °C	25 vial(1 vial)
CD Human CTLA-4 Antibody Set	2-8 °C	5 each(5 plate size)
Diluent 58	≤-10 °C	5 bottle(50 mL)