

CD Human Tau (pT231) Kit

Catalog Number: AK2357

Catalog Number 2	Size	Price in USD
AK2357-1	1 plate size	Online Inquiry
AK2357-2	5 plate size	Online Inquiry
AK2357-4	25 plate size	Online Inquiry

Product Information

Product Name	CD Human Tau (pT231) 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 Tau (pT231) Assay has the essential components for an ultrasensitive assay that measures phosphorylated Tau (T231) in a single-analyte format. For detailed instructions on running the Tau (pT231) assay, please see the product insert in the "Documentation" tab below. Related Key Terms: Neurobiology/Neurodegeneration, Phosphorylated Tau, Threonine231, MAPT, DDPAC, MTBT2, PPND, PPP1R103
Applications	Neurobiology/Neurodegeneration , Alzheimer's Disease
Analytes	Tau (pT231)
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	3,100 fg/mL
Dynamic Range	3,100 - 15,000,000 fg/mL
Sample Type	Serum, Plasma, CSF, Cell Culture Supernatant
Gene ID	4137
UniProt ID	P10636
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

AK2357-1

Kit Contents		
Product Description	Storage	Quantity per Kit
CD Enhance E1	≤-10 °C	1 each(1.7 mL)
Diluent 2	≤-10 °C	1 each(8 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 Tau (pT231) Calibrator	2-8 °C	1 vial(1 vial)
CD Human Tau (pT231) Antibody Set	2-8 °C	1 each(1 plate size)

AK2357-2

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 Tau (pT231) Calibrator	2-8 °C	5 vial(1 vial)
CD Human Tau (pT231) Antibody Set	2-8 °C	1 each(5 plate size)
Diluent 2	≤-10 °C	1 each(40 mL)
CD 96-Well SECTOR Plate	2-8 °C	5 each(1 plate)

Kit Contents**AK2357-4**

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 Tau (pT231) Calibrator	2-8 °C	25 vial(1 vial)
CD Human Tau (pT231) Antibody Set	2-8 °C	5 each(5 plate size)
Diluent 2	≤-10 °C	5 each(40 mL)