

CD Human Neurofilament L Kit

Catalog Number: AK2356

Catalog Number 2	Size	Price in USD
AK2356-1	1 plate size	Online Inquiry
AK2356-2	5 plate size	Online Inquiry
AK2356-4	25 plate size	Online Inquiry

Product Information

Product Name	CD Human Neurofilament L 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 Neurofilament L Assay has the essential components for an ultrasensitive assay that measures Neurofilament L in a single-analyte format. For detailed instructions on running the Neurofilament L assay, please see the product insert in the "Documentation" tab below. Related Key Terms: Neurobiology, Neurodegeneration, Neurofilament L, Neurofilament light, NF-L, NEFL, CMT1F, CMT2E, NF68, PPP1R110
Applications	Neurobiology/Neurodegeneration
Analytes	Neurofilament L
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	1,700 fg/mL
Dynamic Range	1,700 - 1,400,000 fg/mL
Sample Type	Serum, Plasma, Cell Culture Supernatant, CSF
Gene ID	4747
UniProt ID	P07196
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

AK2356-1

Kit Contents		
Product Description	Storage	Quantity per Kit
CD Enhance E2	≤-10 °C	1 vial(1.7 mL)
CD Neurology Panel 1 (human) Calibrator Blend	≤-70 °C	1 vial(1 vial)
Blocker S2	≤-10 °C	1 vial(500 µL)
Blocker S1	≤-10 °C	1 vial(500 µL)
CD Enhance E3	≤-70 °C	1 each(50 µL)
CD Enhance E1	≤-10 °C	1 each(1.7 mL)
MSD GOLD Read Buffer B	RT	1 bottle(18 mL)
Diluent 64	2-8 °C	1 bottle(18 mL)
Diluent 100	2-8 °C	1 bottle(50 mL)
CD Multiplex, 96-Well SECTOR Plate	2-8 °C	1 each(1 each)
TURBO-BOOST Hu Neurofilament L Antibody	2-8 °C	1 vial(1 plate size)
CD Detect D1	≤-70 °C	1 each(1.7 mL)
CD Detect D2	≤-70 °C	1 each(50 µL)
CD Neurology Panel 1 (human) Coating Solution	≤-70 °C	1 vial(1 vial)

AK2356-2

Product Description	Storage	Quantity per Kit
Diluent 64	2-8 °C	1 bottle(90 mL)
Blocker S2	≤-10 °C	1 vial(500 µL)
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)
CD Multiplex, 96-Well SECTOR Plate	2-8 °C	5 each(1 each)
TURBO-BOOST Hu Neurofilament L Antibody	2-8 °C	1 vial(5 plate size)
CD Detect D1	≤-70 °C	5 each(1.7 mL)
CD Detect D2	≤-70 °C	5 each(50 µL)

Kit Contents

CD Neurology Panel 1 (human) Coating Solution	≤-70 °C	5 vial(1 vial)
CD Neurology Panel 1 (human) Calibrator Blend	≤-70 °C	5 vial(1 vial)
Diluent 100	2-8 °C	1 bottle(50 mL)

AK2356-4

Product Description	Storage	Quantity per Kit
Blocker S2	≤-10 °C	5 vial(500 µL)
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 64	2-8 °C	5 bottle(90 mL)
Diluent 100	2-8 °C	5 bottle(50 mL)
CD Multiplex, 96-Well SECTOR Plate	2-8 °C	25 each(1 each)
TURBO-BOOST Hu Neurofilament L Antibody	2-8 °C	5 vial(5 plate size)
CD Detect D1	≤-70 °C	25 each(1.7 mL)
CD Detect D2	≤-70 °C	25 each(50 µL)
CD Neurology Panel 1 (human) Coating Solution	≤-70 °C	25 vial(1 vial)
CD Neurology Panel 1 (human) Calibrator Blend	≤-70 °C	25 vial(1 vial)