

## CD Human GFAP Kit

**Catalog Number:** AK2354

Catalog Number 2	Size	Price in USD
AK2354-1	1 plate size	<a href="#">Online Inquiry</a>
AK2354-2	5 plate size	<a href="#">Online Inquiry</a>
AK2354-4	25 plate size	<a href="#">Online Inquiry</a>

### Product Information

Product Name	CD Human GFAP 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 GFAP Assay has the essential components for an ultrasensitive assay that measures GFAP in a single-analyte format. For detailed instructions on running the GFAP assay, please see the product insert in the "Documentation" tab below. Related Key Terms: Glial fibrillary acidic protein, ALXDRD, astrocytes, cytoskeleton structure, blood-brain barrier, Down's syndrome, depression, traumatic brain injury, neurodegeneration, stroke
Applications	Neurobiology/Neurodegeneration
Analytes	GFAP
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	150 fg/mL
Dynamic Range	150 - 1,100,000 fg/mL
Sample Type	Serum, Plasma, Cell Culture Supernatant, CSF
Gene ID	2670
UniProt ID	P14136
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

**AK2354-1**

<b>Kit Contents</b>		
<b>Product Description</b>	<b>Storage</b>	<b>Quantity per Kit</b>
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 Human GFAP 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)

#### **AK2354-2**

<b>Product Description</b>	<b>Storage</b>	<b>Quantity per Kit</b>
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 Human GFAP 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)
CD Neurology Panel 1 (human) Coating Solution	≤-70 °C	5 vial(1 vial)

## Kit Contents

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

### AK2354-4

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 Human GFAP 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)