



Human cleaved microtubule-associated protein tau (C-MAPT/C-TAU) ELISA kit

Product Code	CSB-ECL013481H
Abbreviation	C-MAPT/C-TAU
Target Name	cleaved microtubule-associated protein tau
Alias	cleaved form of DDPAC, FLJ31424, FTDP-17, MAPTL, MGC138549, MSTD, MTBT1, MTBT2, PPND, TAU, G protein beta1/gamma2 subunit-interacting factor 1 microtubule-associated protein tau, isoform 4
Product Type	ELISA kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, cerebrospinal fluid (CSF), tissue homogenates, cell lysates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	15.6 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Others
Tag Info	quantitative
Protein Description	Sandwich

Description	This Human C-MAPT/C-TAU ELISA Kit was designed for the quantitative measurement of Human C-MAPT/C-TAU protein in serum, plasma, cerebrospinal fluid (CSF), tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 pg/mL.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of human C-MAPT/C-TAU in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.



	Sample	Serum(n=4)
1:5	Average %	102
	Range %	96-106
1:10	Average %	100
	Range %	90-104
1:20	Average %	95
	Range %	85-99
1:40	Average %	94
	Range %	88-99

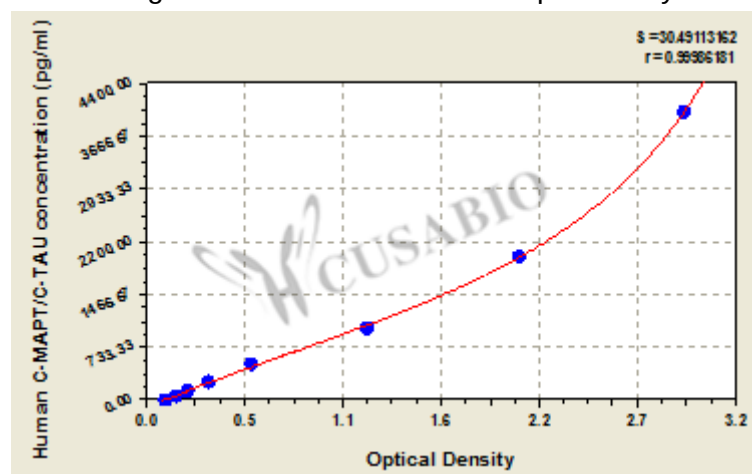
Recovery

The recovery of human C-MAPT/C-TAU spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	90	82-95
EDTA plasma (n=4)	100	91-104

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
4000	3.001	2.889	2.945	2.832
2000	2.114	1.976	2.045	1.932
1000	1.231	1.200	1.216	1.103
500	0.596	0.565	0.581	0.468
250	0.353	0.341	0.347	0.234
125	0.239	0.232	0.236	0.123
62.5	0.171	0.168	0.170	0.057
0	0.111	0.115	0.113	

Msds

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