



Human phosphorylated microtubule-associated protein tau (pMAPT /pTAU) ELISA kit

Product Code	CSB-E17929h											
Abbreviation	pMAPT /pTAU											
Target Name	phosphorylated microtubule-associated protein tau (pMAPT /pTAU)											
Alias	N/A											
Product Type	ELISA Kit											
Immunogen Species	Homo sapiens (Human)											
Sample Types	serum, plasma, cerebrospinal fluid (CSF)											
Detection Range	31.25 pg/mL-2000 pg/mL											
Sensitivity	7.8 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 pMAPT /pTAU ELISA Kit was designed for the quantitative measurement of Human pMAPT /pTAU protein in serum, plasma, cerebrospinal fluid (CSF). It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.8 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 pMAPT in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr><tr><td>1:1</td><td>Average %</td><td>92</td></tr><tr><td></td><td>Range %</td><td>88-96</td></tr></table>			?	Sample	Serum(n=4)	1:1	Average %	92		Range %	88-96
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1:1	Average %	92										
	Range %	88-96										



1:2	Average %	87
	Range %	81-92
1:4	Average %	95
	Range %	90-99
1:8	Average %	101
	Range %	96-108

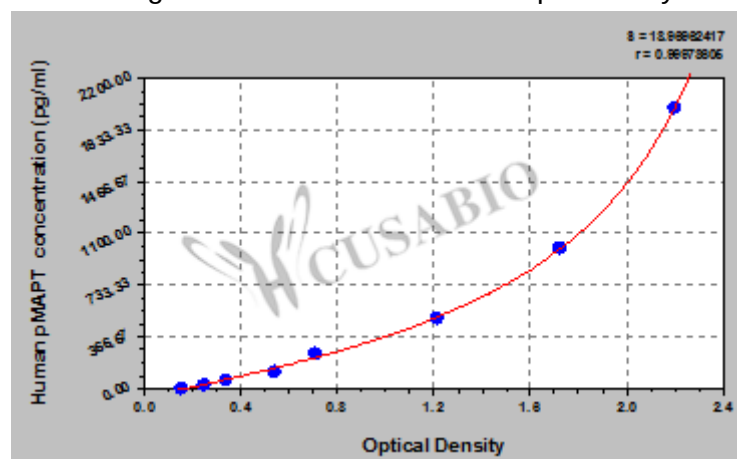
Recovery

The recovery of human pMAPT 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	85-94
EDTA plasma (n=4)	98	93-102

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
2000	2.278	2.184	2.231	2.059
1000	1.781	1.725	1.753	1.581
500	1.268	1.211	1.240	1.068
250	0.716	0.742	0.729	0.557
125	0.585	0.537	0.561	0.389
62.5	0.369	0.349	0.359	0.187
31.25	0.254	0.272	0.263	0.091
0	0.174	0.169	0.172	?

Msds

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