



Human Tubulin Beta-3 Chain (TUBB3)ELISA Kit

Product Code	CSB-E14121h			
Abbreviation	TUBB3			
Target Name	tubulin, beta 3			
Uniprot No.	Q13509			
Alias	MC1R, TUBB4, beta-4, tubulin, beta, 4			
Product Type	ELISA Kit			
Immunogen Species	Homo sapiens (Human)			
Sample Types	serum, plasma, tissue homogenates, cell lysates			
Detection Range	0.625 ng/mL-40 ng/mL			
Sensitivity	0.156 ng/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	Signal Transduction			
Gene Names	TUBB3			
Tag Info	quantitative			
Protein Description	Sandwich			
Description	This Human TUBB3 ELISA Kit was designed for the quantitative measurement of Human TUBB3 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 0.625 ng/mL-40 ng/mL and the sensitivity is 0.156 ng/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 TUBB3 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></table>	?	Sample	Serum(n=4)
?	Sample	Serum(n=4)		



1:1	Average %	94
	Range %	88-99
1:2	Average %	99
	Range %	93-105
1:4	Average %	86
	Range %	81-93
1:8	Average %	90
	Range %	84-98

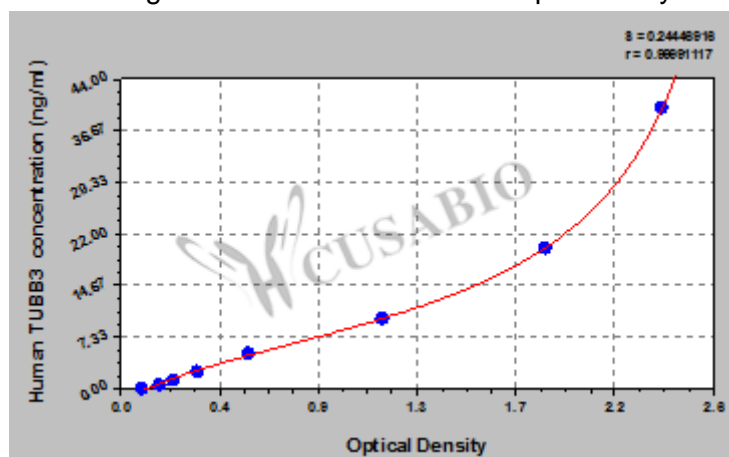
Recovery

The recovery of human TUBB3 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)	93	89-97
EDTA plasma (n=4)	98	96-100

Typical

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



ng/ml	OD1	OD2	Average	Corrected
40	2.352	2.384	2.368	2.264
20	1.849	1.869	1.859	1.755
10	1.128	1.167	1.148	1.044
5	0.583	0.542	0.563	0.459
2.5	0.355	0.336	0.346	0.242
1.25	0.244	0.237	0.241	0.137
0.625	0.181	0.172	0.177	0.073
0	0.106	0.102	0.104	?

Msds

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