



Human POTE ankyrin domain family member E(POTEE) ELISA kit

Product Code	CSB-EL740863HU
Abbreviation	POTEE
Target Name	POTE ankyrin domain family member E
Uniprot No.	Q6S8J3
Alias	POTE ankyrin domain family member E_x000D_ ANKRD26-like family C member 1A_x000D_ Prostate, ovary, testis-expressed protein on chromosome 2_x000D_ Short name= POTE-2_x000D_ A26C1A, POTE2
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	25 pg/mL-1600 pg/mL
Sensitivity	6.25 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	Cell Biology
Gene Names	POTEE
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human POTEE ELISA Kit was designed for the quantitative measurement of Human POTEE protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 25 pg/mL-1600 pg/mL and the sensitivity is 6.25 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 POTEE 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)
1:1	Average %	93
	Range %	89-97
1:2	Average %	98
	Range %	93-103
1:4	Average %	102
	Range %	98-106
1:8	Average %	91
	Range %	86-97

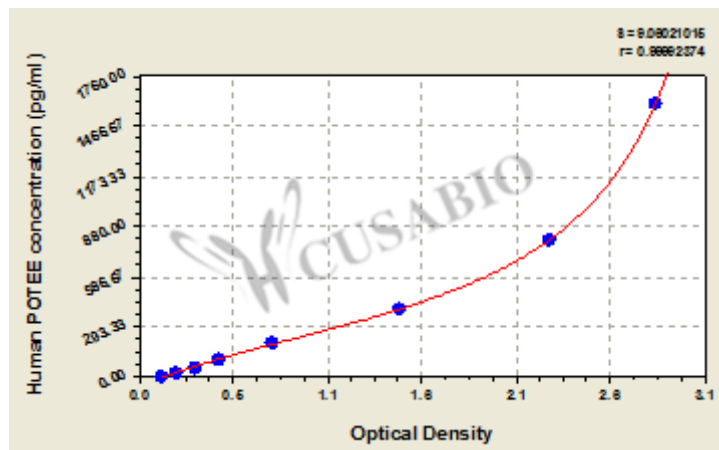
Recovery

The recovery of human POTEE 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)	104	96-108
EDTA plasma (n=4)	89	83-94

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
1600	2.786	2.934	2.860	2.729
800	2.214	2.341	2.278	2.147
400	1.425	1.467	1.446	1.315
200	0.743	0.754	0.749	0.618
100	0.456	0.446	0.451	0.320
50	0.327	0.312	0.320	0.189
25	0.216	0.211	0.214	0.083
0	0.132	0.130	0.131	?

MsdS

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-EL740863HU.pdf","filename":"MSDS"}}