



Human Cytoskeleton-associated protein 4(CKAP4) ELISA kit

Product Code	CSB-EL005453HU
Abbreviation	CKAP4
Target Name	cytoskeleton-associated protein 4
Uniprot No.	Q07065
Alias	CLIMP-63, ERGIC-63, MGC99554, p63, transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment type-II transmembrane protein p63
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	23.44 pg/mL-1500 pg/mL
Sensitivity	5.86 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	Cancer
Gene Names	CKAP4
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human CKAP4 ELISA Kit was designed for the quantitative measurement of Human CKAP4 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 23.44 pg/mL-1500 pg/mL and the sensitivity is 5.86 pg/mL.
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>
Linearity	



To assess the linearity of the assay, samples were spiked with high concentrations of human CKAP4 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 %	86
	Range %	83-89
1:2	Average %	95
	Range %	91-99
1:4	Average %	87
	Range %	83-90
1:8	Average %	99
	Range %	92-103

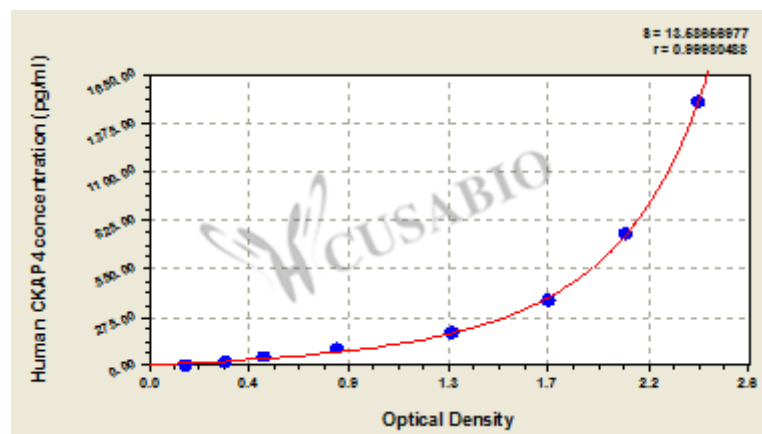
Recovery

The recovery of human CKAP4 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)	86	83-89
EDTA plasma (n=4)	100	95-105

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
1500	2.345	2.401	2.373	2.200
750	2.013	2.112	2.063	1.890
375	1.754	1.704	1.729	1.556
187.5	1.334	1.304	1.319	1.146
93.75	0.812	0.831	0.822	0.649
46.88	0.503	0.512	0.508	0.335
23.44	0.346	0.338	0.342	0.169
0	0.172	0.174	0.173	?

Msds

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