



Human Serine/threonine-protein kinase LMTK3(LMTK3) ELISA kit

Product Code	CSB-EL013017HU
Abbreviation	LMTK3
Target Name	lemur tyrosine kinase 3
Uniprot No.	Q96Q04
Alias	KIAA1883, LMR3, TYKLM3
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	18.75 pg/mL-1200 pg/mL
Sensitivity	4.7 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	Signal Transduction
Gene Names	LMTK3
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human LMTK3 ELISA Kit was designed for the quantitative measurement of Human LMTK3 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 18.75 pg/mL-1200 pg/mL and the sensitivity is 4.7 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 LMTK3 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 %	90
	Range %	85-94
1:2	Average %	97
	Range %	92-101
1:4	Average %	89
	Range %	84-93
1:8	Average %	94
	Range %	90-98

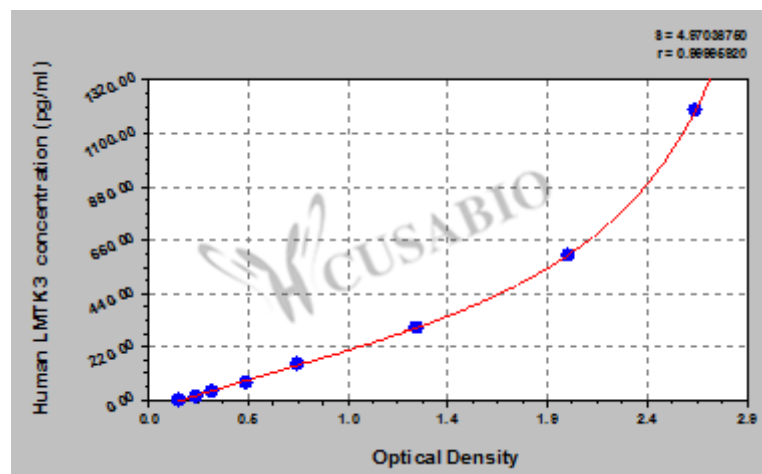
Recovery

The recovery of human LMTK3 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)	92	87-98
EDTA plasma (n=4)	105	100-110

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
1200	2.687	2.532	2.610	2.450
600	1.994	2.018	2.006	1.846
300	1.269	1.295	1.282	1.122
150	0.716	0.728	0.722	0.562
75	0.475	0.483	0.479	0.319
37.5	0.321	0.307	0.314	0.154
18.75	0.243	0.239	0.241	0.081
0	0.158	0.162	0.160	?

Msds

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