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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human Kallikrein 6, KLK 6 ELISA Kit

Product Code	CSB-E09248h
Abbreviation	KLK6
Target Name	kallikrein-related peptidase 6
Uniprot No.	Q92876
Alias	Bssp, Klk7, MGC9355, NEUROSIN, PRSS18, PRSS9, SP59, ZYME, hK6, kallikrein 6 (neurosin, zyme) protease M protease, serine, 18 protease, serine, 9
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	1.25 ng/mL-80 ng/mL
Sensitivity	0.31 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	Cancer
Target Names	KLK6
Tag Info	quantitative
Protein Length	Sandwich
Target Details	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. The encoded enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer s disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene.
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10%</p> <p>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 KLK 6 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 %	89
	Range %	83-95
1:2	Average %	95
	Range %	91-99
1:4	Average %	95
	Range %	88-102
1:8	Average %	97
	Range %	91-101

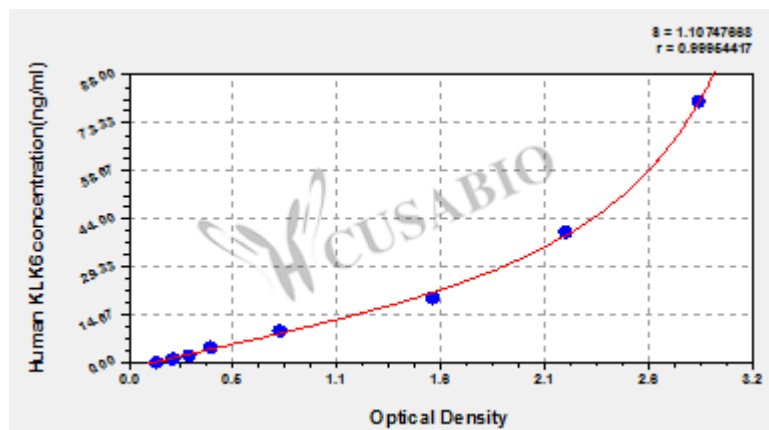
Recovery

The recovery of human KLK 6 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	80-93
EDTA plasma (n=4)	96	92-103

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
80	2.819	2.960	2.890	2.737
40	2.237	2.205	2.221	2.068
20	1.505	1.586	1.546	1.393
10	0.799	0.755	0.777	0.624
5	0.442	0.411	0.427	0.274
2.5	0.313	0.322	0.318	0.165
1.25	0.245	0.235	0.240	0.087
0	0.154	0.152	0.153	?

Msds

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