

Human Kallikrein-8 ELISA Kit | KLK8 elisa kit

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CATALOG #
AAA101659

REACTIVITY
Human

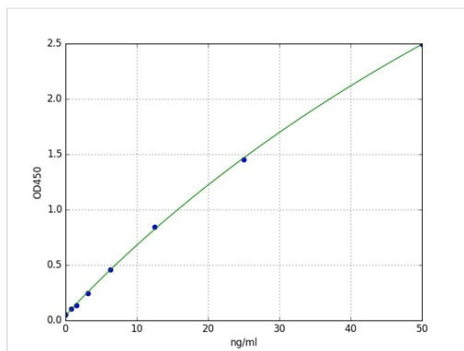
PRODUCT SYNONYMS

Kallikrein-8; Human Kallikrein-8 ELISA Kit; KLK8 (Kallikrein 8)/Neuropsin/Ovasin/PRSS19/hK8/HNP/kallikrein 8 (neuropsin/ovasin)/kallikrein-related peptidase 8/KLK8 protein type 1/KLK8 protein type 2/neuropsin type 1/neuropsin type 2/NP/NRPN/kallikrein-8/Serine protease 19/Serine protease TADG-14/TADG14neuropsin/Tumor-associated differentially expressed gene 14 protein; KLK8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	260
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human Kallikrein-8 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.052	0.078	0.129	0.250	0.390	0.588	1.248	2.160

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Kallikrein-8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Kallikrein-8 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Kallikrein-8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Kallikrein-8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005844
NCBI GeneID	11202
NCBI Accession #	NP_009127.1
NCBI GenBank Nucleotide #	NM_007196.3
Molecular Weight	3,653 Da
NCBI Official Full Name	kallikrein-8 isoform 1 preproprotein
NCBI Official Synonym Full Names	kallikrein related peptidase 8
NCBI Official Symbol	KLK8
NCBI Official Synonym Symbols	NP; HNP; NRPN; PRSS19; TADG14
NCBI Protein Information	kallikrein-8
UniProt Protein Name	Kallikrein-8
UniProt Gene Name	KLK8
UniProt Synonym Gene Names	NRPN; PRSS19; TADG14; hK8; NP
UniProt Entry Name	KLK8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/klk8-human-elisa-kits/kallikrein-8/101659>