

Human Klotho (KL) ELISA Kit | KL elisa kit

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CATALOG #
AAA41500

REACTIVITY
Human

PRODUCT SYNONYMS

Klotho (KL); Human Klotho (KL) ELISA Kit; KL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1012
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.01ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Klotho (also known as KL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human KL antibody. KL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human KL Antibody is added and binds to KL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human KL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2618596
NCBI GeneID	9365
UniProt Accession #	Q9UEF7; Q5VZ95; Q96KV5; Q96KW5; Q9UEI9; Q9Y4F0
Molecular Weight	62,135 Da
NCBI Official Full Name	klotho
NCBI Official Synonym Full Names	klotho
NCBI Official Symbol	KL
NCBI Official Synonym Symbols	HFTC3
NCBI Protein Information	klotho
UniProt Protein Name	Klotho
UniProt Gene Name	KL

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/human-elisa-kits/klotho-kl/41500>