

Human Klotho Beta (KLb) ELISA Kit | KLb elisa kit

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CATALOG #
AAA42715

REACTIVITY
Human

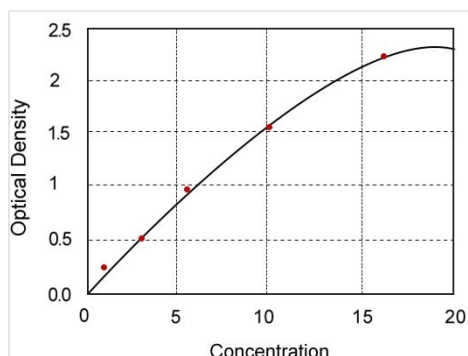
PRODUCT SYNONYMS

Klotho Beta (KLb); Human Klotho Beta (KLb) ELISA Kit; KLb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1044
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5nmol/L - 200nmol/L
Sensitivity	0.29nmol/L
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 KLb elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Klotho Beta (also known as KLB) 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 KLB antibody. KLB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KLB Antibody is added and binds to KLB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KLB 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 KLB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119613331
NCBI GeneID	152831
UniProt Accession #	Q86Z14; Q2M3K8
Molecular Weight	119,808 Da
NCBI Official Full Name	klotho beta
NCBI Official Synonym Full Names	klotho beta
NCBI Official Symbol	KLB
NCBI Official Synonym Symbols	BKL
NCBI Protein Information	beta-klotho
UniProt Protein Name	Beta-klotho
UniProt Gene Name	KLB
UniProt Synonym Gene Names	BKL; BetaKlotho

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://stage.aaabiotech.com/human-elisa-kits/klotho-beta-klb/42715>