

Mouse Beta-klotho ELISA Kit | Klb elisa kit

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CATALOG #
AAA190422

REACTIVITY
Mouse

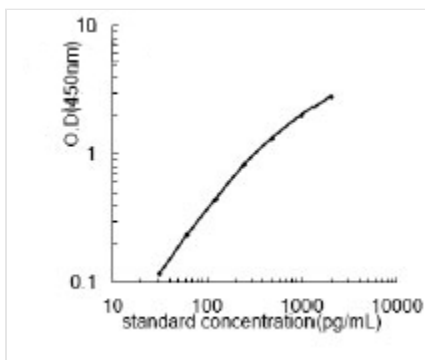
PRODUCT SYNONYMS

Beta-klotho; Mouse Beta-klotho ELISA Kit; BKL; BetaKlotho; Klotho beta-like protein; Klb; Betakl; Klb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and nature Mouse Beta-klotho, BetaKlotho
Sequence Length	1043
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	31.2 pg/mL-2000 pg/mL
Intra-assay Precision	Intra-Assay CV: <4.2%
Inter-assay Precision	Inter-Assay CV: <6.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Klb elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13626032
NCBI GeneID	83379
NCBI Accession #	NP_112457.1
NCBI GenBank Nucleotide #	NM_031180.2
UniProt Accession #	Q99N32; Q920J2; Q99N31; B2RQN8
Molecular Weight	33,142 Da
NCBI Official Full Name	beta-klotho
NCBI Official Synonym Full Names	klotho beta
NCBI Official Symbol	Klb
NCBI Official Synonym Symbols	AV071179; betaKlotho
NCBI Protein Information	beta-klotho
UniProt Protein Name	Beta-klotho
UniProt Gene Name	Klb
UniProt Synonym Gene Names	Betaki; BKL; BetaKlotho
UniProt Entry Name	KLOTB_MOUSE

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/klb-mouse-elisa-kits/beta-klotho/190422>