

Human klotho beta ELISA Kit | KLB elisa kit

Human Beta-klotho, KLB ELISA Kit

CATALOG #
AAA112632

REACTIVITY
Human

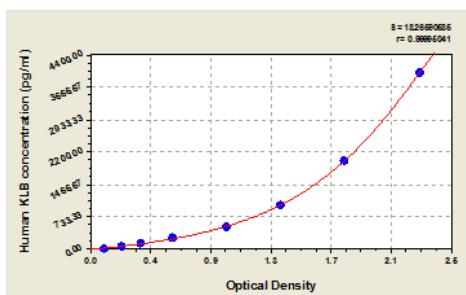
PRODUCT SYNONYMS

klotho beta; Human Beta-klotho; KLB ELISA Kit; Human Beta-klotho (KLB) ELISA kit; BKL; MGC142213; klotho beta like; KLB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human KLB. No significant cross-reactivity or interference between Human KLB and analogues was observed.
Sequence Length	1044
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KLB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KLB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KLB is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of KLB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28376633
NCBI GeneID	152831
NCBI Accession #	NP_783864.1
NCBI GenBank Nucleotide #	NM_175737.3
UniProt Accession #	Q86Z14; Q2M3K8
Molecular Weight	119,808 Da
NCBI Official Full Name	beta-klotho
NCBI Official Synonym Full Names	klotho beta
NCBI Official Symbol	KLB
NCBI Official Synonym Symbols	BKL
NCBI Protein Information	beta-klotho; betaKlotho; klotho beta like; klotho beta-like protein
UniProt Protein Name	Beta-klotho
UniProt Gene Name	KLB
UniProt Synonym Gene Names	BKL; BetaKlotho
UniProt Entry Name	KLOTB_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.