

Mouse klotho ELISA Kit | KL elisa kit

Mouse Klotho ELISA Kit

CATALOG #
AAA15349

REACTIVITY
Mouse

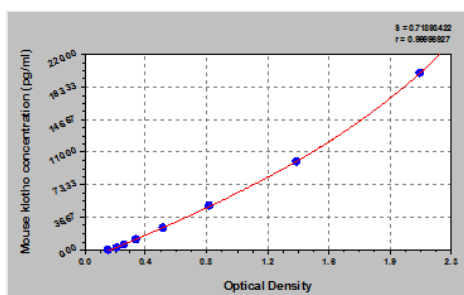
PRODUCT SYNONYMS

klotho; Mouse Klotho ELISA Kit; KL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse klotho. No significant cross-reactivity or interference between mouse klotho and analogues was observed.
Sequence Length	1014
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 KL elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for klotho has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any klotho present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for klotho 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 klotho 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 #	227330584
NCBI GeneID	16591
NCBI Accession #	NP_038851.2
NCBI GenBank Nucleotide #	NM_013823.2
UniProt Accession #	O35082; O70175; O70621; B2RR78
Molecular Weight	116,398 Da
NCBI Official Full Name	klotho
NCBI Official Synonym Full Names	klotho
NCBI Official Symbol	KI
NCBI Official Synonym Symbols	alpha-kl
NCBI Protein Information	klotho; secreted form of Klotho protein
UniProt Protein Name	Klotho
UniProt Gene Name	KI
UniProt Entry Name	KLOT_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://stage.aaabiotech.com/kl-mouse-elisa-kits/klotho/15349>