

Rat klotho ELISA Kit | KL elisa kit

Rat Klotho ELISA Kit

CATALOG #
AAA15720

REACTIVITY
Rat

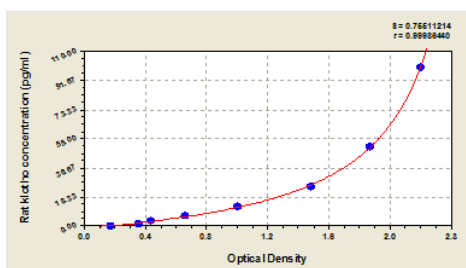
PRODUCT SYNONYMS

klotho; Rat Klotho ELISA Kit; KL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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
Samples	Serum, Plasma, Cell Culture Supernates
Assay Type	Quantitative Sandwich
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13786168
NCBI GeneID	83504
NCBI Accession #	NP_112626.1
NCBI GenBank Nucleotide #	NM_031336.1
UniProt Accession #	Q9Z2Y9
Molecular Weight	116,800 Da
NCBI Official Full Name	klotho
NCBI Official Synonym Full Names	Klotho
NCBI Official Symbol	KI
NCBI Protein Information	klotho
UniProt Protein Name	Klotho
UniProt Gene Name	KI
UniProt Entry Name	KLOT_RAT

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/ki-rat-elisa-kits/klotho/15720>