

Mouse Ketohexokinase ELISA Kit | KHK elisa kit

Mouse Ketohexokinase (KHK) ELISA Kit

CATALOG # AAA55836	REACTIVITY Mouse
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PRODUCT SYNONYMS

Ketohexokinase; Mouse Ketohexokinase (KHK) ELISA Kit; KHK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse KHK. No significant cross-reactivity or interference between Mouse KHK and analogues was observed.
Sequence Length	298
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for KHK elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate KHK in Mouse serum, plasma. An antibody specific for KHK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KHK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KHK is added to the wells. After washing, Streptavidin 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 KHK bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Mouse Ketohexokinase (KHK) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31982229
NCBI GeneID	16548
NCBI Accession #	NP_032465.2
NCBI GenBank Nucleotide #	NM_008439.4
UniProt Accession #	P97328 ; Q91WU8

Molecular Weight	32,750 Da
NCBI Official Full Name	ketohehexokinase isoform 2
NCBI Official Synonym Full Names	ketohehexokinase
NCBI Official Symbol	Khk
NCBI Protein Information	ketohehexokinase
UniProt Protein Name	Ketohehexokinase
UniProt Gene Name	Khk

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/khk-mouse-elisa-kits/ketohehexokinase/55836>