

Human ketohexokinase (fructokinase) ELISA Kit | KHK elisa kit

Human Ketohexokinase, KHK ELISA Kit

CATALOG #
AAA18176

REACTIVITY
Human

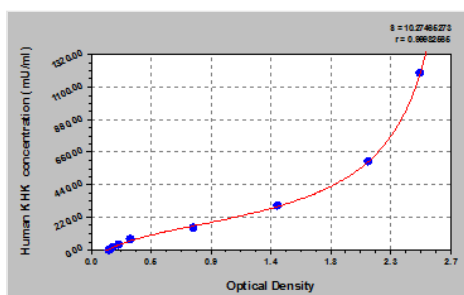
PRODUCT SYNONYMS

ketohexokinase (fructokinase); Human Ketohexokinase; KHK ELISA Kit; Human Ketohexokinase (KHK) ELISA kit; ketohexokinase; KHK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human KHK. No significant cross-reactivity or interference between human KHK and analogues was observed.
Sequence Length	298
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	18.75 mU/ml-1200 mU/ml
Sensitivity	< 4.68 mU/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 KHK elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, 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 KHK 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 #	4557693
NCBI GeneID	3795
NCBI Accession #	NP_000212.1
NCBI GenBank Nucleotide #	NM_000221.2
UniProt Accession #	P50053; Q6IBK2; Q99532; Q9BRJ3; Q9UMN1
Molecular Weight	32,730 Da
NCBI Official Full Name	ketoheokinase isoform a
NCBI Official Synonym Full Names	ketoheokinase (fructokinase)
NCBI Official Symbol	KHK
NCBI Protein Information	ketoheokinase; hepatic fructokinase
UniProt Protein Name	Ketoheokinase
UniProt Gene Name	KHK
UniProt Entry Name	KHK_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.

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Online datasheet: <https://stage.aaabiotech.com/khk-human-elisa-kits/ketoheokinase-fructokinase/18176>