

Human Ketohexokinase ELISA Kit | KHK elisa kit

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CATALOG #
AAA192324

REACTIVITY
Human

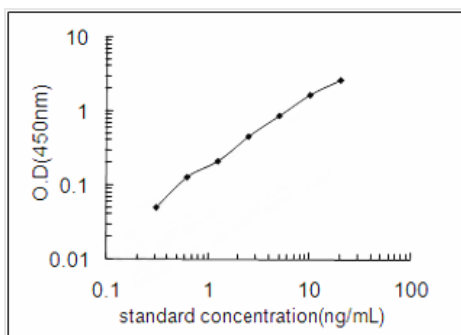
PRODUCT SYNONYMS

Ketohexokinase; Human Ketohexokinase ELISA Kit; Hepatic fructokinase; KHK; 2.7.1.3; KHK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Ketohexokinase. No significant cross-reactivity or interference was observed.
Sequence Length	298
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KHK elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Ketohexokinase concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ketohexokinase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Ketohexokinase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Ketohexokinase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Ketohexokinase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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	ketohekinase isoform a
NCBI Official Synonym Full Names	ketohekinase
NCBI Official Symbol	KHK
NCBI Protein Information	ketohekinase
UniProt Protein Name	Ketohekinase
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/ketohekinase/192324>