

Human Hexokinase 1 (HK1) RTU ELISA Kit | HK1 rtu elisa kit

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CATALOG #
AAA71165

REACTIVITY
Human

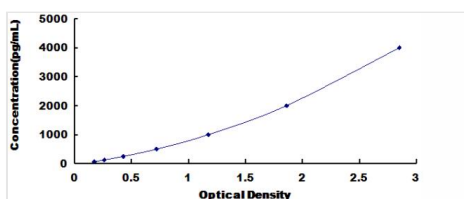
PRODUCT SYNONYMS

Hexokinase 1 (HK1); Human Hexokinase 1 (HK1) ELISA Kit; HK1-Ta; HK1-Tb; HK1-Tc; HKI; HXK1; Brain form hexokinase; HK1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	917
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	62.5-4000pg/mL
Sensitivity	27.2pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HK1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HK1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HK1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HK1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HK1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

188497754

NCBI GeneID	3098
NCBI Accession #	NP_000179.2
NCBI GenBank Nucleotide #	NM_000188.2
UniProt Accession #	P19367; O43443; O43444; O75574; Q5VTC3; Q96HC8; Q9NNZ4; Q9NNZ5; E9PCK0
Molecular Weight	101,085 Da
NCBI Official Full Name	hexokinase-1 isoform HKI
NCBI Official Synonym Full Names	hexokinase 1
NCBI Official Symbol	HK1
NCBI Official Synonym Symbols	HK; HKD; HKI; HXK1; RP79; HMSNR; HK1-ta; HK1-tb; HK1-tc; hexokinase
NCBI Protein Information	hexokinase-1
UniProt Protein Name	Hexokinase-1
UniProt Gene Name	HK1
UniProt Synonym Gene Names	HK I

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/human-rtu-elisa-kits/hexokinase-1-hk1/71165>