

Human Putative hexokinase HKDC1 ELISA Kit | HKDC1 elisa kit

Human Putative hexokinase HKDC1 (HKDC1) ELISA Kit

CATALOG #
AAA55595

REACTIVITY
Human

PRODUCT SYNONYMS

Putative hexokinase HKDC1; Human Putative hexokinase HKDC1 (HKDC1) ELISA Kit; HKDC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HKDC1. No significant cross-reactivity or interference between Human HKDC1 and analogues was observed.
Sequence Length	917
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	31.25 pg/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 HKDC1 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HKDC1 in Human serum, plasma. An antibody specific for HKDC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HKDC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HKDC1 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 HKDC1 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 Human Putative hexokinase HKDC1 (HKDC1) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156151420
NCBI GeneID	80201
NCBI Accession #	NP_079406.3
NCBI GenBank Nucleotide #	NM_025130.3
UniProt Accession #	Q2TB90; Q2TB91; Q5VTC7; Q7Z373; Q8WU37; Q96EH2; Q9H5Y9; B5MDN9

Molecular Weight	82,682 Da
NCBI Official Full Name	putative hexokinase HKDC1
NCBI Official Synonym Full Names	hexokinase domain containing 1
NCBI Official Symbol	HKDC1
NCBI Protein Information	putative hexokinase HKDC1
UniProt Protein Name	Putative hexokinase HKDC1
UniProt Gene Name	HKDC1

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/human-elisa-kits/putative-hexokinase-hkdc1/55595>