

Human HK2 ELISA Kit | HK2 elisa kit

Human HK2 (Hexokinase 2) ELISA Kit

CATALOG #
AAA165888

REACTIVITY
Human

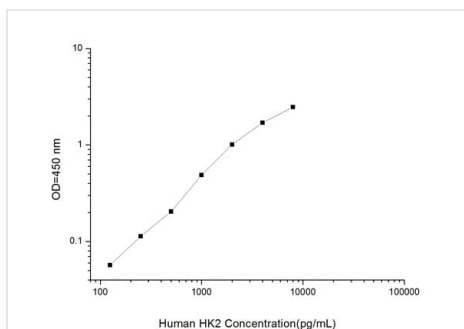
PRODUCT SYNONYMS

HK2; Human HK2 (Hexokinase 2) ELISA Kit; HK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human HK2. No significant cross-reactivity or interference between Human HK2 and analogues was observed.
Sequence Length	997
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	125-8000pg/mL
Sensitivity	Min: 75pg/mL; Max: 8000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HK2 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanHK2concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to HK2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for HK2and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain HK2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of HK2.You can calculate the concentration of HK2in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	306851
NCBI GeneID	488
Molecular Weight	109,734 Da
NCBI Official Full Name	HK2
NCBI Official Synonym Full Names	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
NCBI Official Symbol	ATP2A2
NCBI Official Synonym Symbols	DD; DAR; ATP2B; SERCA2
NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 2; ATPase, Ca++ dependent, slow-twitch, cardiac muscle-2; SR Ca(2+)-ATPase 2; calcium pump 2; calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform; cardiac Ca2+ ATPase; endoplasmic reticulum class 1/2 Ca(2+) ATPase
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Gene Name	ATP2A2
UniProt Synonym Gene Names	ATP2B; SERCA2; SR Ca(2+)-ATPase 2
UniProt Entry Name	AT2A2_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.