

Monkey Hexokinase 2 ELISA Kit | HK2 elisa kit

Monkey Hexokinase 2 ELISA Kit

CATALOG #
AAA91733

REACTIVITY
Monkey

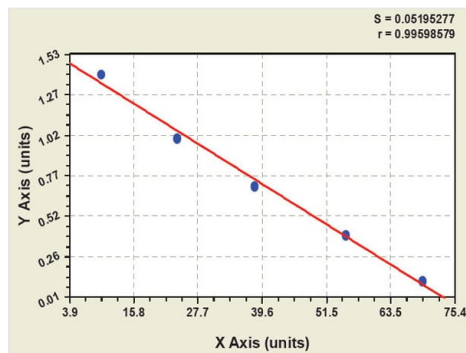
PRODUCT SYNONYMS

Hexokinase 2; Monkey Hexokinase 2 ELISA Kit; HK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This HK2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HK2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HK2 elisa kit

Principle of the assay: HK2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HK2 antibody and an HK2-HRP conjugate. The assay sample and buffer are incubated together with HK2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HK2 concentration since HK2 from samples and HK2-HRP conjugate compete for the anti-HK2 antibody binding site. Since the number of sites is limited, as more sites are occupied by HK2 from the sample, fewer sites are left to bind HK2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HK2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18088968
NCBI GeneID	3099
Molecular Weight	102,380 Da
NCBI Official Full Name	Hexokinase 2
NCBI Official Synonym Full Names	hexokinase 2
NCBI Official Symbol	HK2
NCBI Official Synonym Symbols	HKII; HXK2
NCBI Protein Information	hexokinase-2; HK II; hexokinase type II; hexokinase-2, muscle; muscle form hexokinase
UniProt Protein Name	Hexokinase-2
UniProt Gene Name	HK2
UniProt Synonym Gene Names	HK II
UniProt Entry Name	HXK2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/hk2-monkey-elisa-kits/hexokinase-2/91733>