

Monkey Choline kinase alpha (CHKA) ELISA Kit | CHKA elisa kit

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CATALOG #
AAA246193

REACTIVITY
Monkey

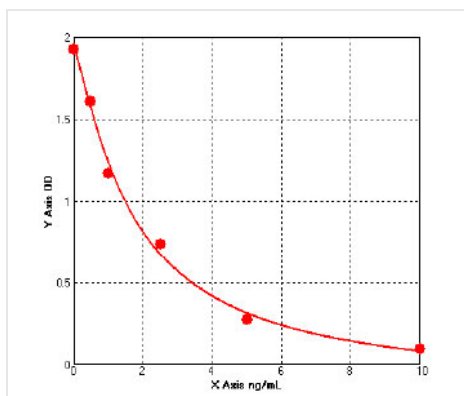
PRODUCT SYNONYMS

Choline kinase alpha (CHKA); Monkey Choline kinase alpha (CHKA) ELISA Kit; CHKA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CHKA. No significant cross-reactivity or interference between CHKA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CHKA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHKA elisa kit	Principle of the Assay: CHKA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CHKA antibody and an CHKA-HRP conjugate. The assay sample and buffer are incubated together with CHKA-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 CHKA concentration since CHKA from samples and CHKA-HRP conjugate compete for the anti-CHKA antibody binding site. Since the number of sites is limited, as more sites are occupied by CHKA from the sample, fewer sites are left to bind CHKA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHKA concentration in each sample is interpolated from this standard curve. Intended Uses: This CHKA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CHKA. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22209091
NCBI GeneID	1119
Molecular Weight	50,155 Da
NCBI Official Full Name	Choline kinase alpha
NCBI Official Synonym Full Names	choline kinase alpha
NCBI Official Symbol	CHKA
NCBI Official Synonym Symbols	CK; EK; CHK; CKI
NCBI Protein Information	choline kinase alpha; CHETK-alpha; ethanolamine kinase
UniProt Protein Name	Choline kinase alpha
UniProt Gene Name	CHKA
UniProt Synonym Gene Names	CHK; CKI; CK; EK
UniProt Entry Name	CHKA_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.