

Human Choline/ethanolamine kinase, CHKB ELISA Kit | CHKB elisa kit

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CATALOG #
AAA123485

REACTIVITY
Human

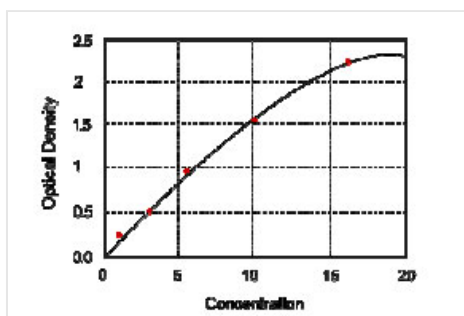
PRODUCT SYNONYMS

Choline/ethanolamine kinase; CHKB; Human Choline/ethanolamine kinase; CHKB ELISA Kit; CHKB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	395
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15-3000ng/L
Sensitivity	7.55ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHKB elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Choline; ethanolamine kinase (also known as CHKB) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CHKB antibody. CHKB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CHKB Antibody is added and binds to CHKB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CHKB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CHKB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978649
NCBI GeneID	1120
NCBI GenBank Nucleotide #	NP_005189.2
UniProt Accession #	Q9Y259
NCBI Official Full Name	choline/ethanolamine kinase
NCBI Official Synonym Full Names	choline kinase beta
NCBI Official Symbol	CHKB
NCBI Official Synonym Symbols	CK; EK; CKB; EKB; CHKL; CHETK; CKEKB; MDCMC
NCBI Protein Information	choline/ethanolamine kinase
UniProt Protein Name	Choline/ethanolamine kinase
UniProt Gene Name	CHKB
UniProt Synonym Gene Names	CHETK; CHKL; CK; CKB; EK; EKB; CKEKB
UniProt Entry Name	CHKB_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/choline-ethanolamine-kinase-chkb/123485>