

Human phosphoenolpyruvate carboxykinase, PCK ELISA Kit | PCK elisa kit

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CATALOG #
AAA43075

REACTIVITY
Human

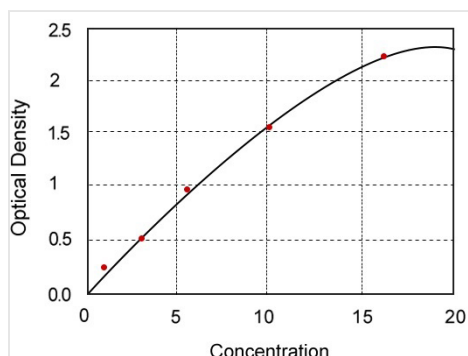
PRODUCT SYNONYMS

phosphoenolpyruvate carboxykinase; PCK; Human phosphoenolpyruvate carboxykinase; PCK ELISA Kit; PCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	647
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.05ng/ml
Intra-Assay	CV<8%
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 PCK elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Phosphoenolpyruvate Carboxykinase (also known as PCK) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PCK antibody. PCK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PCK Antibody is added and binds to PCK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PCK 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 PCK. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24655088
NCBI GeneID	37131
NCBI Accession #	NP_725802.1
NCBI GenBank Nucleotide #	NM_166293.1
Molecular Weight	71,129 Da
NCBI Official Synonym Full Names	Phosphoenolpyruvate carboxykinase
NCBI Official Symbol	Pepck
NCBI Official Synonym Symbols	143299_at; CG10924; CG17725; DmelCG17725; dPEPCK; Dromel_CG17725_FBtr0086701_pepck_mORF; pepck; PEPCK; pepck1
NCBI Protein Information	phosphoenolpyruvate carboxykinase
UniProt Protein Name	Phosphoenolpyruvate carboxykinase [GTP]
UniProt Gene Name	Pepck
UniProt Synonym Gene Names	ZDF4; PEPCK

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/phosphoenolpyruvate-carboxykinase-pck/43075>