

Human pyruvate kinase, PK ELISA Kit | PK elisa kit

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CATALOG #
AAA41804

REACTIVITY
Human

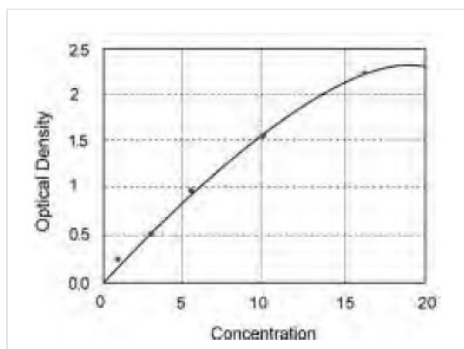
PRODUCT SYNONYMS

pyruvate kinase; PK; Human pyruvate kinase; PK ELISA Kit; PK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-100U/mL
Sensitivity	0.32U/mL
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 PK elisa kit

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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human pyruvate kinase (also known as PYK) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39937253
NCBI GeneID	2692385
NCBI Accession #	NP_949529.1
NCBI GenBank Nucleotide #	NC_005296.1
NCBI Official Full Name	pyruvate kinase

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/pyruvate-kinase-pk/41804>