

Human Phosphofructokinase, PFK ELISA Kit | PFK elisa kit

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CATALOG #
AAA42732

REACTIVITY
Human

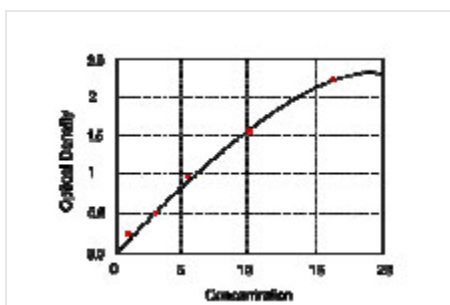
PRODUCT SYNONYMS

Phosphofructokinase; PFK; Human Phosphofructokinase; PFK ELISA Kit; PFK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	400
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.5-100ng/ml
Sensitivity	0.32ng/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 PFK elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Phosphofructokinase (also known as PFK) 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 PFK antibody. PFK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PFK Antibody is added and binds to PFK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PFK 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 PFK. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	495184225
NCBI Accession #	WP_007909015.1
NCBI GenBank Nucleotide #	WP_007909015.1
Molecular Weight	43,808 Da
NCBI Official Full Name	6-phosphofructokinase
UniProt Protein Name	Pyrophosphate--fructose 6-phosphate 1-phosphotransferase
UniProt Gene Name	pfp
UniProt Synonym Gene Names	PPI-PFK

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/phosphofructokinase-pfk/42732>