

Human Phosphofructokinase, Platelet ELISA Kit | PFKP elisa kit

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CATALOG #
AAA98915

REACTIVITY
Human

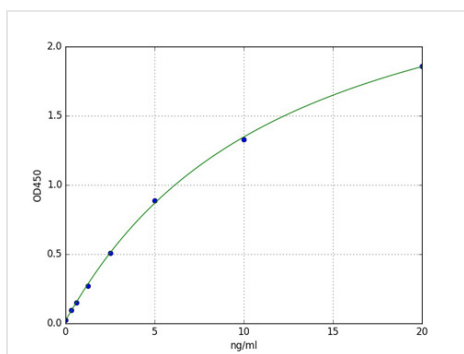
PRODUCT SYNONYMS

Phosphofructokinase; Platelet; Human Phosphofructokinase; Platelet ELISA Kit; PFKP/PFKF/PFK-C/Phosphohexokinase/Phosphofructokinase 1/6-phosphofructokinase; platelet type/Phosphofructo-1-kinase isozyme C/6-phosphofructokinase type C; PFKP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	784
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PFKP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.033	0.122	0.182	0.345	0.630	1.213	1.221	1.843

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PFKP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PFKP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PFKP antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PFKP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PFKP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20810530
NCBI GeneID	5214
Molecular Weight	85,316 Da
NCBI Official Full Name	Phosphofructokinase, platelet
NCBI Official Synonym Full Names	phosphofructokinase, platelet
NCBI Official Symbol	PFKP
NCBI Official Synonym Symbols	PFKF; PFK-C; PFK-P; ATP-PFK
NCBI Protein Information	ATP-dependent 6-phosphofructokinase, platelet type
UniProt Protein Name	ATP-dependent 6-phosphofructokinase, platelet type
UniProt Gene Name	PFKP
UniProt Synonym Gene Names	PFKF; ATP-PFK; PFK-P
UniProt Entry Name	PFKAP_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://www.aaabiotech.com/pfkp-human-elisa-kits/phosphofructokinase-platelet/98915>