

Chicken Phosphofructokinase- Platelet ELISA Kit | PFKP elisa kit

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CATALOG #
AAA89315

REACTIVITY
Chicken

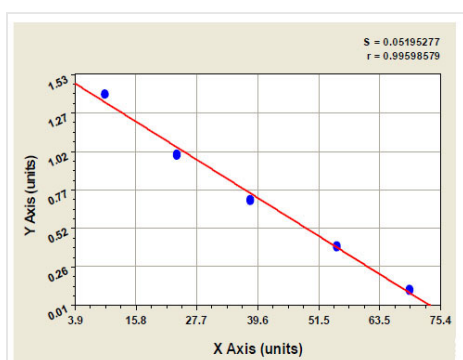
PRODUCT SYNONYMS

Phosphofructokinase- Platelet; Chicken Phosphofructokinase- Platelet ELISA Kit; PFKP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PFKP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PFKP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PFKP elisa kit

Principle of the assay: PFKP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PFKP antibody and an PFKP-HRP conjugate. The assay sample and buffer are incubated together with PFKP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PFKP concentration since PFKP from samples and PFKP-HRP conjugate compete for the anti-PFKP antibody binding site. Since the number of sites is limited, as more sites are occupied by PFKP from the sample, fewer sites are left to bind PFKP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PFKP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PFKP elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	57162486
NCBI GeneID	5214
UniProt Accession #	Q5VSR5; O14943; Q01813; Q49A78; Q5VSR6; Q5VSR7; Q8WTZ9
Molecular Weight	22,677 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
NCBI Protein Information	6-phosphofructokinase type C; phosphohexokinase; phosphofructokinase 1; phosphofructo-1-kinase isozyme C; Phosphofructokinase, platelet type; 6-phosphofructokinase, platelet type
UniProt Protein Name	6-phosphofructokinase type C
UniProt Gene Name	PFKP
UniProt Entry Name	Q5VSR5_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-chicken-elisa-kits/phosphofructokinase-platelet/89315>