

Monkey 6-phosphofructo-2-kinase/fructose-2, 6-biphosphatase 3 (PFKFB3) ELISA Kit | PFKFB3 elisa kit

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CATALOG # AAA245042	REACTIVITY Monkey
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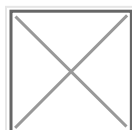
PRODUCT SYNONYMS

6-phosphofructo-2-kinase/fructose-2; 6-biphosphatase 3 (PFKFB3); Monkey 6-phosphofructo-2-kinase/fructose-2; 6-biphosphatase 3 (PFKFB3) ELISA Kit; PFKFB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of PFKFB3. No significant cross-reactivity or interference between PFKFB3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PFKFB3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PFKFB3 elisa kit	Intended Uses: This PFKFB3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey PFKFB3. This ELISA kit for research use only! Principle of the Assay: PFKFB3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PFKFB3 antibody and an PFKFB3-HRP conjugate. The assay sample and buffer are incubated together with PFKFB3-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 PFKFB3 concentration since PFKFB3 from samples and PFKFB3-HRP conjugate compete for the anti-PFKFB3 antibody binding site. Since the number of sites is limited, as more sites are occupied by PFKFB3 from the sample, fewer sites are left to bind PFKFB3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PFKFB3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PFKFB3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	26251769
NCBI GeneID	5209
Molecular Weight	60,602 Da
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
NCBI Official Symbol	PFKFB3
NCBI Official Synonym Symbols	PFK2; IPFK2
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3; IPFK-2; PFK/FBPase 3; 6PF-2-K/Fru-2,6-P2ase 3; renal carcinoma antigen NY-REN-56; 6PF-2-K/Fru-2,6-P2ase brain/placenta-type isozyme; 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase; 6-phosphofructo-2-kinase/fructose-2, 6-bisphosphatase; fructose-6-phosphate,2-kinase/fructose-2, 6-bisphosphatase; inducible 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
UniProt Gene Name	PFKFB3
UniProt Synonym Gene Names	6PF-2-K/Fru-2,6-P2ase 3; PFK/FBPase 3
UniProt Entry Name	F263_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://stage.aaabiotech.com/monkey-elisa-kits/6-phosphofructo-2-kinase-fructose-2-6-biphosphatase-3-pfkfb3/245042>