

Human Phosphofructokinase, Muscle (PFKM) RTU ELISA Kit | PFKM rtu elisa kit

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CATALOG #
AAA217757

REACTIVITY
Human

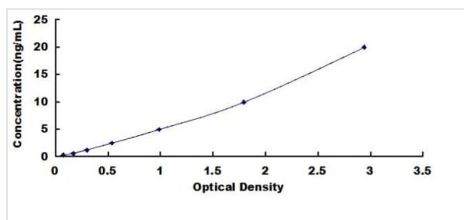
PRODUCT SYNONYMS

Phosphofructokinase; Muscle (PFKM); Human Phosphofructokinase; Muscle (PFKM) ELISA Kit; PFK1; PFKX; Phosphofructokinase 1; Phosphofructo-1-kinase isozyme A; 6-Phosphofructokinase Polypeptide X; Fructose-6-Phosphate 1-Phosphotransferase; PFKM rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	780
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PFKM rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PFKM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PFKM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PFKM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PFKM in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505749
NCBI GeneID	5213
NCBI Accession #	NP_000280.1
NCBI GenBank Nucleotide #	NM_000289.5
UniProt Accession #	P08237; Q16814; Q16815; Q6ZTT1; J3KNX3
Molecular Weight	93,254 Da
NCBI Official Full Name	ATP-dependent 6-phosphofructokinase, muscle type isoform 2
NCBI Official Synonym Full Names	phosphofructokinase, muscle
NCBI Official Symbol	PFKM
NCBI Official Synonym Symbols	GSD7; PFK1; PFKA; PFKX; PFK-1; PFK-A; ATP-PFK; PPP1R122
NCBI Protein Information	ATP-dependent 6-phosphofructokinase, muscle type
UniProt Protein Name	ATP-dependent 6-phosphofructokinase, muscle type
UniProt Gene Name	PFKM
UniProt Synonym Gene Names	PFKX; ATP-PFK; PFK-M

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/phosphofructokinase-muscle-pfk-m/217757>