

Rat 6-phosphofructokinase, muscle type ELISA Kit | Pfkml elisa kit

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CATALOG #
AAA98006

REACTIVITY
Rat

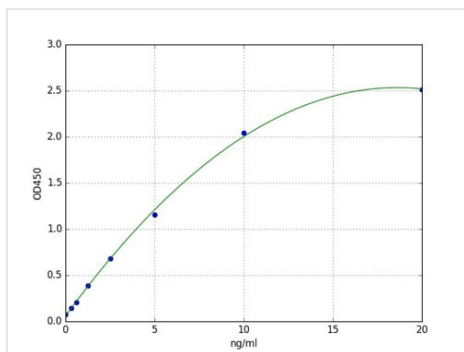
PRODUCT SYNONYMS

6-phosphofructokinase; muscle type; Rat 6-phosphofructokinase; muscle type ELISA Kit; Pfkml/GSD7/PFK-1/PFK-A/PFKM/PFKX/Phosphofructokinase-1/Phosphofructokinase-M/Phosphohexokinase/6-phosphofructokinase; muscle type/EC 2.7.1/6-phosphofructo-1-kinase/EC 2.7.1.11/GSD7/MGC8699/PFK1/PFKA/PFK-A/PFKX/Phosphofructo-1-kinase isozyme A/Phosphofructokinase 1/phosphofructokinase; muscle/phosphofructokinase; polypeptide X/phosphofructokinase-M/Phosphofructokinase-M/phosphohexokinase/Phosphohexokinase; Pfkml elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	893
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 Rat Pfkml 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	0.137	0.195	0.226	0.327	0.577	0.909	1.521	1.900

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pfkml elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Pfkml antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Pfkml 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 Rat Pfkml amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Pfkml can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	942406867
UniProt Accession #	P08237; Q16814; Q16815; Q6ZTT1; J3KNX3
Molecular Weight	93,254 Da
NCBI Official Full Name	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
UniProt Entry Name	PFKAM_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/pfkm-rat-elisa-kits/6-phosphofructokinase-muscle-type/98006>