

Mouse Pyruvate kinase isozymes M1/M2 ELISA Kit | Pkm2 elisa kit

Mouse Pyruvate kinase isozymes M1/M2 ELISA Kit

CATALOG #
AAA56940

REACTIVITY
Mouse

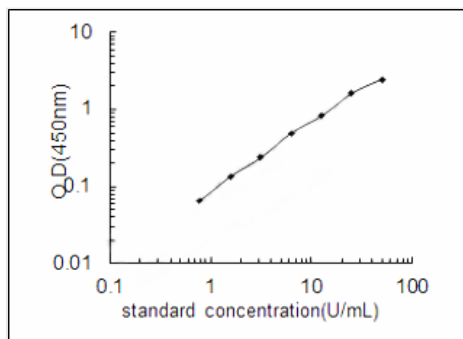
PRODUCT SYNONYMS

Pyruvate kinase isozymes M1/M2; Mouse Pyruvate kinase isozymes M1/M2 ELISA Kit; Pyruvate kinase muscle isozyme; Pkm2; Pk3; Pykm; 2.7.1.40; Pkm2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Pyruvate kinase isozymes M1/M2. No significant cross-reactivity or interference was observed.
Sequence Length	531
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.78 U/mL -50.0 U/mL
Sensitivity	<0.38 U/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pkm2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Pyruvate kinase isozymes M1/M2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pyruvate kinase isozymes M1/M2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Pyruvate kinase isozymes M1/M2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Pyruvate kinase isozymes M1/M2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Pyruvate kinase isozymes M1/M2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	359807367
NCBI GeneID	18746
NCBI Accession #	NP_001240812.1
NCBI GenBank Nucleotide #	NM_001253883.1
UniProt Accession #	P52480; Q3TBV8; Q3TBW5; Q3TC59; Q3U1X3; Q3U5P6; Q4VC20; Q64484; Q91YI8; Q9CWB1
Molecular Weight	57,985 Da
NCBI Official Full Name	pyruvate kinase PKM isoform M1
NCBI Official Synonym Full Names	pyruvate kinase, muscle
NCBI Official Symbol	Pkm
NCBI Official Synonym Symbols	Pk3; Pk-2; Pk-3; Pkm2; AA414905; AL024370; AL024424
NCBI Protein Information	pyruvate kinase PKM
UniProt Protein Name	Pyruvate kinase PKM
UniProt Gene Name	Pkm
UniProt Synonym Gene Names	Pk3; Pkm2; Pykm
UniProt Entry Name	KPYM_MOUSE

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/pkm2-mouse-elisa-kits/pyruvate-kinase-isozymes-m1-m2/56940>