

Mouse M2-PK ELISA Kit | M2-PK elisa kit

Mouse M2-PK (Pyruvate Kinase) ELISA Kit

CATALOG #
AAA165347

REACTIVITY
Mouse

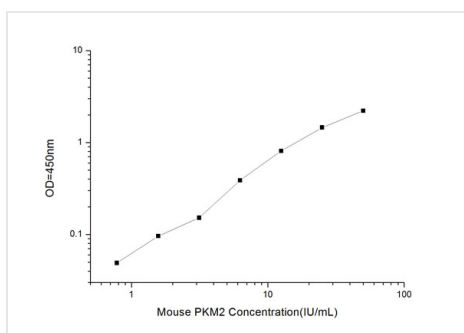
PRODUCT SYNONYMS

M2-PK; Mouse M2-PK (Pyruvate Kinase) ELISA Kit; M2-PK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse M2-PK. No significant cross-reactivity or interference between Mouse M2-PK and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse M2-PK and all the analogues, therefore, cross reaction may still exist.
Sequence Length	55
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50IU/mL
Sensitivity	Min: 0.469IU/mL; Max: 50IU/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M2-PK elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of M2-PK in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse M2-PK. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse M2-PK and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse M2-PK, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse M2-PK. You can calculate the concentration of Mouse M2-PK in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	193248604
Molecular Weight	5,790 Da
NCBI Official Full Name	M2-type pyruvate kinase, partial
UniProt Protein Name	M2-type pyruvate kinase
UniProt Gene Name	PKM
UniProt Entry Name	B3IVM6_EQUGR

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/mouse-elisa-kits/m2-pk/165347>