

Mouse PDP ELISA Kit | PDP elisa kit

Mouse PDP (Pyruvate Dehydrogenase Phosphatase) ELISA Kit

CATALOG #
AAA164118

REACTIVITY
Mouse

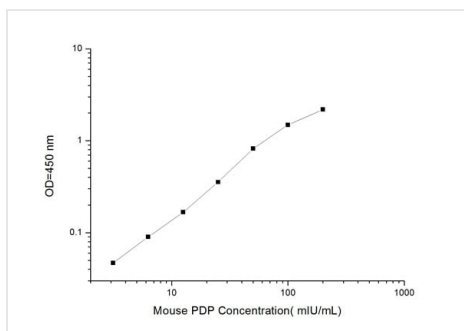
PRODUCT SYNONYMS

PDP; Mouse PDP (Pyruvate Dehydrogenase Phosphatase) ELISA Kit; PDP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse PDP. No significant cross-reactivity or interference between Mouse PDP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse PDP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	757
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200 mIU/mL
Sensitivity	Min: 1.875 mIU/mL; Max: 200 mIU/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDP elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PDP 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 PDP. 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 PDP 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 PDP, 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 PDP. You can calculate the concentration of Mouse PDP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223694269
Molecular Weight	83,273 Da
NCBI Official Full Name	Pdp
UniProt Protein Name	Pdp
UniProt Gene Name	pdp
UniProt Entry Name	C0QF51_DESAH

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/pdp/164118>