

Mouse Protein phosphatase 1 regulatory subunit 1A ELISA Kit | Ppp1r1a elisa kit

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CATALOG #
AAA56379

REACTIVITY
Mouse

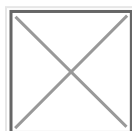
PRODUCT SYNONYMS

Protein phosphatase 1 regulatory subunit 1A; Mouse Protein phosphatase 1 regulatory subunit 1A ELISA Kit; Ppp1r1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Protein phosphatase 1 regulatory subunit 1A. No significant cross-reactivity or interference was observed.
Sequence Length	171
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.09 ng/mL
Intra-Assay CV	<=6.4%
Inter-Assay CV	<=8.9%
Recovery	87%
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 Ppp1r1a elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Protein phosphatase 1 regulatory subunit 1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Protein phosphatase 1 regulatory subunit 1A 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 Protein phosphatase 1 regulatory subunit 1A, 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 Protein phosphatase 1 regulatory subunit 1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

10946734

NCBI GeneID	58200
NCBI Accession #	NP_067366.1
NCBI GenBank Nucleotide #	NM_021391.3
UniProt Accession #	Q9ERT9
Molecular Weight	18,718 Da
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 1A
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory (inhibitor) subunit 1A
NCBI Official Symbol	Ppp1r1a
NCBI Official Synonym Symbols	I-1; 0610038N18Rik
NCBI Protein Information	protein phosphatase 1 regulatory subunit 1A
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 1A
UniProt Gene Name	Ppp1r1a
UniProt Synonym Gene Names	I-1; IPP-1
UniProt Entry Name	PPR1A_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.

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Online datasheet: <https://stage.aaabiotech.com/ppp1r1a-mouse-elisa-kits/protein-phosphatase-1-regulatory-subunit-1a/56379>