

Mouse Tyrosine-protein phosphatase non-receptor type 1 ELISA Kit | Ptpn1 elisa kit

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CATALOG # AAA101546	REACTIVITY Mouse
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PRODUCT SYNONYMS

Tyrosine-protein phosphatase non-receptor type 1; Mouse Tyrosine-protein phosphatase non-receptor type 1 ELISA Kit; Ptpn1/Tyrosine-protein phosphatase non-receptor type 1/Protein-tyrosine phosphatase 1B/PTP-1B/PTP1B/protein tyrosine phosphatase 1B/protein tyrosine phosphatase; non-receptor type 1/PTP1Bprotein tyrosine phosphatase; placental; Ptpn1 elisa kit

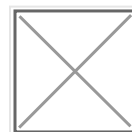
PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	432
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ptpn1 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Ptpn1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Ptpn1 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 Mouse Ptpn1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Ptpn1 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133505845
NCBI GeneID	19246
NCBI Accession #	NP_035331.3
NCBI GenBank Nucleotide #	NM_011201.3

Molecular Weight	49,593 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 1
NCBI Official Symbol	Ptpn1
NCBI Official Synonym Symbols	PTP1B; PTP-1B; PTP-HA2
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 1
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 1
UniProt Gene Name	Ptpn1
UniProt Synonym Gene Names	PTP-1B; PTP-HA2
UniProt Entry Name	PTN1_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/ptpn1-mouse-elisa-kits/tyrosine-protein-phosphatase-non-receptor-type-1/101546>