

Rat Protein Tyrosine Phosphatase Non Receptor Type 11 (PTPN11) ELISA Kit | PTPN11 elisa kit

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CATALOG # AAA43263	REACTIVITY Rat
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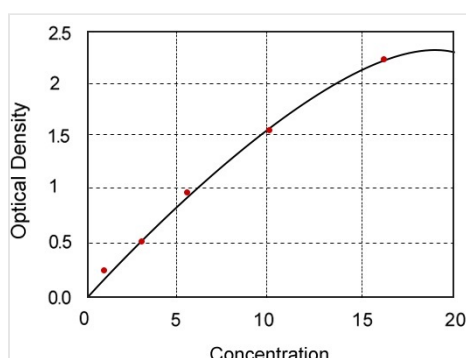
PRODUCT SYNONYMS

Protein Tyrosine Phosphatase Non Receptor Type 11 (PTPN11); Rat Protein Tyrosine Phosphatase Non Receptor Type 11 (PTPN11) ELISA Kit; PTPN11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	50
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	30pg/ml - 9000pg/ml
Sensitivity	12.21pg/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTPN11 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Apelin (also known as Apelin) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Apelin antibody. Apelin present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Apelin Antibody is added and binds to Apelin in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Apelin antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat Apelin. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21410183
NCBI GeneID	5781
UniProt Accession #	Q06124; Q96HD7; A8K1D9
Molecular Weight	68,011 Da
NCBI Official Full Name	PTPN11 protein
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 11
NCBI Official Symbol	PTPN11
NCBI Official Synonym Symbols	CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 11
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 11
UniProt Gene Name	PTPN11
UniProt Synonym Gene Names	PTP2C; SHPTP2; PTP-1D; PTP-2C; SHP-2; Shp2

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/rat-elisa-kits/protein-tyrosine-phosphatase-non-receptor-type-11-ptpn11/43263>