

Human Protein Tyrosine Phosphatase Receptor Type J (PTPRJ) ELISA Kit | PTPRJ elisa kit

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CATALOG #
AAA66748

REACTIVITY
Human

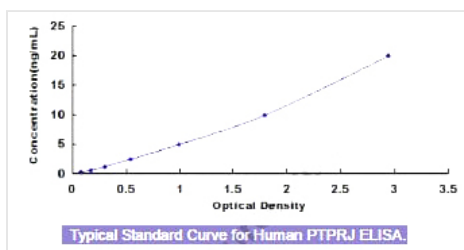
PRODUCT SYNONYMS

Protein Tyrosine Phosphatase Receptor Type J (PTPRJ); Human Protein Tyrosine Phosphatase Receptor Type J (PTPRJ) ELISA Kit; CD148; PTPR-J; DEP1; HPTPeta; R-PTP-ETA; SCC1; Protein-tyrosine phosphatase eta; Density-enhanced phosphatase 1; PTPRJ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PTPRJ. No significant cross-reactivity or interference between PTPRJ and analogues was observed.
Sequence Length	539
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PTPRJ were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PTPRJ were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTPRJ elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PTPRJ in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTPRJ. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PTPRJ. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PTPRJ, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PTPRJ in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148728160
NCBI GeneID	5795
NCBI Accession #	NP_001091973.1
NCBI GenBank Nucleotide #	NM_001098503.1
UniProt Accession #	Q12913; Q15255; Q6P4H4; Q8NHM2; Q9UDA9
Molecular Weight	57,190 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase eta isoform 2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type J
NCBI Official Symbol	PTPRJ
NCBI Official Synonym Symbols	DEP1; SCC1; CD148; HPTPeta; R-PTP-ETA
NCBI Protein Information	receptor-type tyrosine-protein phosphatase eta
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase eta
UniProt Gene Name	PTPRJ
UniProt Synonym Gene Names	DEP1; Protein-tyrosine phosphatase eta; R-PTP-eta; DEP-1; R-PTP-J

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/human-elisa-kits/protein-tyrosine-phosphatase-receptor-type-j-ptprj/66748>