

Human PTPRS (Receptor-type tyrosine-protein phosphatase S) ELISA Kit | PTPRS elisa kit

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CATALOG #
AAA249289

REACTIVITY
Human

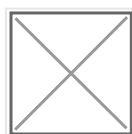
PRODUCT SYNONYMS

PTPRS (Receptor-type tyrosine-protein phosphatase S); Human PTPRS (Receptor-type tyrosine-protein phosphatase S) ELISA Kit; Receptor-type tyrosine-protein phosphatase S; R-PTP-S; Receptor-type tyrosine-protein phosphatase sigma; R-PTP-sigma; PTPRS; PTPRS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PTPRS. No significant cross-reactivity or interference between PTPRS and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for PTPRS elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20809883
NCBI GeneID	5802

UniProt Accession #	Q13332; O75255; O75870; Q15718; Q16341; Q2M3R7
Molecular Weight	215,980 Da
NCBI Official Full Name	PTPRS protein
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type S
NCBI Official Symbol	PTPRS
NCBI Official Synonym Symbols	R-PTP-S; PTPSIGMA; R-PTP-sigma
NCBI Protein Information	receptor-type tyrosine-protein phosphatase S
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase S
UniProt Gene Name	PTPRS
UniProt Synonym Gene Names	R-PTP-S; R-PTP-sigma

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/ptprs-receptor-type-tyrosine-protein-phosphatase-s/249289>