

Human Phosphatidylinositol phosphatase PTPRQ ELISA Kit | PTPRQ elisa kit

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CATALOG #
AAA99535

REACTIVITY
Human

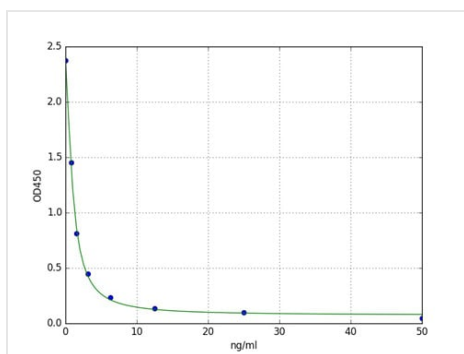
PRODUCT SYNONYMS

Phosphatidylinositol phosphatase PTPRQ; Human Phosphatidylinositol phosphatase PTPRQ ELISA Kit; PTPRQ (Phosphatidylinositol phosphatase PTPRQ)/PTP-RQ/R-PTP-Q/Receptor-type tyrosine-protein phosphatase Q; PTPRQ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2299
Assay Type	Competitive ELISA, Coated with Antigen
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)

Typical Data & Standard Curve
Results of a typical standard run of a Human PTPRQ ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	781.25	1562.5	3125	6250	12500	25000	50000
Y	OD450	2.447	1.960	1.682	1.283	0.908	0.641	0.422	0.345

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTPRQ elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human PTPRQ. During the reaction, Human PTPRQ in the sample or standard competes with a fixed amount of biotin-labeled Human PTPRQ for sites on a pre-coated Monoclonal antibody specific to Human PTPRQ. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human PTPRQ in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222537743
NCBI GeneID	374462
NCBI Accession #	NP_001138498.1
NCBI GenBank Nucleotide #	NM_001145026.1
Molecular Weight	260,924 Da
NCBI Official Full Name	phosphatidylinositol phosphatase PTPRQ
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type Q
NCBI Official Symbol	PTPRQ
NCBI Official Synonym Symbols	DFNB84; DFNB84A; PTPGMC1; R-PTP-Q
NCBI Protein Information	phosphatidylinositol phosphatase PTPRQ
UniProt Protein Name	Phosphatidylinositol phosphatase PTPRQ
UniProt Gene Name	PTPRQ
UniProt Synonym Gene Names	PTP-RQ; R-PTP-Q
UniProt Entry Name	PTPRQ_HUMAN

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://www.aaabiotech.com/human-elisa-kits/phosphotidylinositol-phosphatase-ptprq/99535>