

Human Protein Tyrosine Phosphatase Receptor Type K (PTPRK) ELISA Kit | PTPRK elisa kit

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CATALOG # AAA41588	REACTIVITY Human
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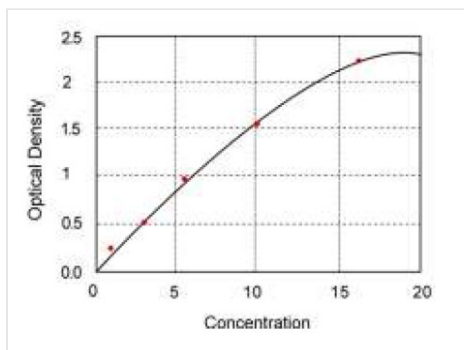
PRODUCT SYNONYMS

Protein Tyrosine Phosphatase Receptor Type K (PTPRK); Human Protein Tyrosine Phosphatase Receptor Type K (PTPRK) ELISA Kit; PTPRK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1462
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.19-12ng/ml
Sensitivity	0.08ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 PTPRK elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PTPRK antibody. PTPRK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PTPRK Antibody is added and binds to PTPRK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PTPRK 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 Human PTPRK. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Receptor-type tyrosine-protein phosphatase kappa (also known as PTPRK) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219519675
NCBI GeneID	5796
UniProt Accession #	Q15262; Q14763; Q5TG10; Q5TG11; B2RTQ8; B7ZMG0
Molecular Weight	162,173 Da
NCBI Official Full Name	PTPRK protein
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type K
NCBI Official Symbol	PTPRK
NCBI Official Synonym Symbols	R-PTP-kappa
NCBI Protein Information	receptor-type tyrosine-protein phosphatase kappa
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase kappa
UniProt Gene Name	PTPRK
UniProt Synonym Gene Names	PTPK; Protein-tyrosine phosphatase kappa; R-PTP-kappa

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-k-ptprk/41588>