

Human Protein Tyrosine Phosphatase Receptor Type G (PTPRG) RTU ELISA Kit | PTPRG rtu elisa kit

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CATALOG #
AAA218071

REACTIVITY
Human

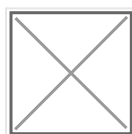
PRODUCT SYNONYMS

Protein Tyrosine Phosphatase Receptor Type G (PTPRG); Human Protein Tyrosine Phosphatase Receptor Type G (PTPRG) ELISA Kit; PTPR-G; HPTPG; PTPG; R-PTP-GAMMA; RPTPG; Receptor-type tyrosine-protein phosphatase gamma; PTPRG rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1445
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.108ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTPRG rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTPRG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PTPRG. 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 PTPRG, 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 $\pm$ 10nm. The concentration of PTPRG in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[194097398](#)

NCBI GeneID	5793
NCBI Accession #	NP_002832.3
NCBI GenBank Nucleotide #	NM_002841.3
UniProt Accession #	P23470; Q15623; Q59EE0; Q68DU5; B2RU12; B7ZLX5
Molecular Weight	158,771 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase gamma
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type G
NCBI Official Symbol	PTPRG
NCBI Official Synonym Symbols	PTPG; HPTPG; RPTPG; R-PTP-GAMMA
NCBI Protein Information	receptor-type tyrosine-protein phosphatase gamma
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase gamma
UniProt Gene Name	PTPRG
UniProt Synonym Gene Names	PTPG; Protein-tyrosine phosphatase gamma; R-PTP-gamma

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/protein-tyrosine-phosphatase-receptor-type-g-ptprg/218071>