

Human Protein Phosphatase 1 Regulatory Subunit A ELISA Kit | PPP1R1A elisa kit

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CATALOG #
AAA98908

REACTIVITY
Human

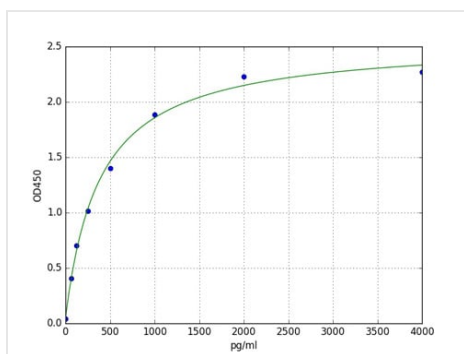
PRODUCT SYNONYMS

Protein Phosphatase 1 Regulatory Subunit A; Human Protein Phosphatase 1 Regulatory Subunit A ELISA Kit; PPP1R1A/Protein phosphatase inhibitor 1/I-1/IPP-1; PPP1R1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	356
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/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



Typical Data & Standard Curve

Results of a typical standard run of a Human PPP1R1A 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	62.5	125	250	500	1000	2000	4000
Y	OD450	0.030	0.099	0.121	0.234	0.384	0.712	1.430	2.139

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPP1R1A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PPP1R1A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PPP1R1A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human PPP1R1A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PPP1R1A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71992572
NCBI GeneID	181788
NCBI Accession #	NP_001024738.1
NCBI GenBank Nucleotide #	NM_001029567.1
UniProt Accession #	Q400N3
Molecular Weight	40,829 Da
NCBI Official Full Name	Protein phosphatase 1 regulatory subunit
NCBI Official Symbol	H18N23.2
NCBI Protein Information	Protein phosphatase 1 regulatory subunit
UniProt Protein Name	Protein phosphatase 1 regulatory subunit
UniProt Gene Name	CELE_H18N23.2
UniProt Entry Name	Q400N3_CAEEL

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/ppp1r1a-human-elisa-kits/protein-phosphatase-1-regulatory-subunit-a/98908>