

Human Pyridoxal phosphate phosphatase ELISA Kit | PDXP elisa kit

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CATALOG #
AAA100279

REACTIVITY
Human

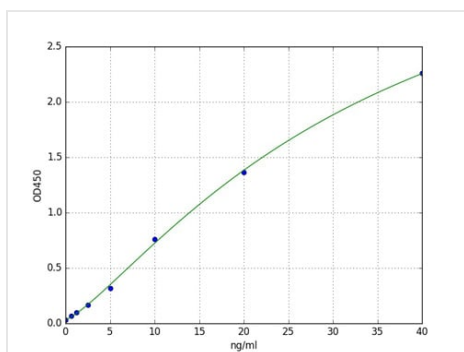
PRODUCT SYNONYMS

Pyridoxal phosphate phosphatase; Human Pyridoxal phosphate phosphatase ELISA Kit; PDXP/Pyridoxal phosphate phosphatase/PLP phosphatase/Chronophin/CIN/PLP/PLPP; PDXP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	296
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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)

Results of a typical standard run of a Human PDXP 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	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.062	0.123	0.195	0.327	0.628	0.915	1.706	2.213

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDXP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PDXP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PDXP 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. HRPStreptavidin 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 PDXP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PDXP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092677
NCBI GeneID	57026
NCBI Accession #	NP_064711.1
NCBI GenBank Nucleotide #	NM_020315.4
Molecular Weight	31,698 Da
NCBI Official Full Name	pyridoxal phosphate phosphatase
NCBI Official Synonym Full Names	pyridoxal phosphatase
NCBI Official Symbol	PDXP
NCBI Official Synonym Symbols	CIN; PLP; dJ37E16.5
NCBI Protein Information	pyridoxal phosphate phosphatase
UniProt Protein Name	Pyridoxal phosphate phosphatase
UniProt Gene Name	PDXP
UniProt Synonym Gene Names	CIN; PLP; PLPP; PLP phosphatase
UniProt Entry Name	PLPP_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://stage.aaabiotech.com/pdyp-human-elisa-kits/pyridoxal-phosphate-phosphatase/100279>