

Human pyridoxal/pyridoxine vitamin B6-phosphatase, PDXP ELISA Kit | PDXP elisa kit

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CATALOG #
AAA41201

REACTIVITY
Human

PRODUCT SYNONYMS

pyridoxal/pyridoxine vitamin B6-phosphatase; PDXP; Human pyridoxal/pyridoxine vitamin B6-phosphatase; PDXP ELISA Kit; PDXP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	296
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 60ng/ml
Sensitivity	0.17ng/ml
Intra-Assay	CV<8%
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 PDXP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Pyridoxal/Pyridoxine Vitamin B6-phosphatase (also known as PDXP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PDXP antibody. PDXP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PDXP Antibody is added and binds to PDXP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDXP 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 PDXP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119580581
NCBI GeneID	57026
UniProt Accession #	Q96GD0; Q9UGY2
Molecular Weight	73,599 Da
NCBI Official Full Name	pyridoxal (pyridoxine, vitamin B6) phosphatase, isoform CRA_a
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

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/pyridoxal-pyridoxine-vitamin-b6-phosphatase-pdpx/41201>