

Human proteolipid protein, PLP ELISA Kit | PLP elisa kit

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CATALOG #
AAA41095

REACTIVITY
Human

PRODUCT SYNONYMS

proteolipid protein; PLP; Human proteolipid protein; PLP ELISA Kit; PLP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	274
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.14ng/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 PLP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Proteolipid Protein (also known as PLP) 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 PLP antibody. PLP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PLP Antibody is added and binds to PLP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PLP 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 PLP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	387028
NCBI GeneID	5354
UniProt Accession #	P60201; P04400; P06905; Q502Y1; Q6FHZ6
Molecular Weight	26,274 Da
NCBI Official Full Name	proteolipid protein, partial
NCBI Official Synonym Full Names	proteolipid protein 1
NCBI Official Symbol	PLP1
NCBI Official Synonym Symbols	PLP; PMD; HLD1; MMPL; SPG2; GPM6C; PLP/DM20
NCBI Protein Information	myelin proteolipid protein
UniProt Protein Name	Myelin proteolipid protein
UniProt Gene Name	PLP1
UniProt Synonym Gene Names	PLP; PLP

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/proteolipid-protein-plp/41095>