

Human Amyloid-like protein 1 (APLP1) ELISA Kit | APLP1 elisa kit

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CATALOG #
AAA56028

REACTIVITY
Human

PRODUCT SYNONYMS

Amyloid-like protein 1 (APLP1); Human Amyloid-like protein 1 (APLP1) ELISA Kit; APLP; amyloid precursor-like protein 1; amyloid-like protein 1; APLP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human APLP1. No significant cross-reactivity or interference between Human APLP1 and analogues was observed.
Sequence Length	651
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.2 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for APLP1 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate APLP1 in Human serum, plasma, tissue homogenates. An antibody specific for APLP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APLP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APLP1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of APLP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Amyloid-like protein 1 (APLP1) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782338
NCBI GeneID	333
NCBI Accession #	NP_001019978.1
NCBI GenBank Nucleotide #	NM_001024807.2

UniProt Accession #	P51693 ; O00113 ; Q96A92
Molecular Weight	72,247 Da
NCBI Official Full Name	amyloid-like protein 1 isoform 1
NCBI Official Synonym Full Names	amyloid beta precursor like protein 1
NCBI Official Symbol	APLP1
NCBI Official Synonym Symbols	APLP
NCBI Protein Information	amyloid-like protein 1
UniProt Protein Name	Amyloid-like protein 1
UniProt Gene Name	APLP1
UniProt Synonym Gene Names	APLP; APLP-1

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://www.aaabiotech.com/human-elisa-kits/amyloid-like-protein-1-aplp1/56028>