

Human Alkaline Phosphatase, Placental Like Protein 2 (ALPPL2) ELISA Kit | ALPPL2 elisa kit

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CATALOG # AAA67992	REACTIVITY Human
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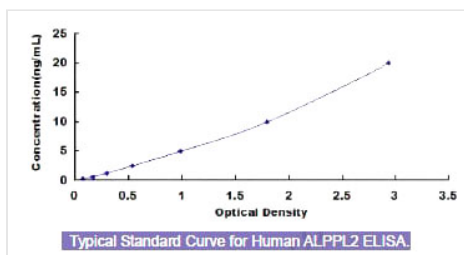
PRODUCT SYNONYMS

Alkaline Phosphatase; Placental Like Protein 2 (ALPPL2); Human Alkaline Phosphatase; Placental Like Protein 2 (ALPPL2) ELISA Kit; ALPG; GCAP; ALP-1; Alkaline phosphatase Nagao isozyme; Germ cell alkaline phosphatase; Placental alkaline phosphatase-like; ALPPL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ALPPL2. No significant cross-reactivity or interference between ALPPL2 and analogues was observed.
Sequence Length	532
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ALPPL2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ALPPL2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALPPL2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ALPPL2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALPPL2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALPPL2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ALPPL2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ALPPL2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157266296
NCBI GeneID	251
NCBI Accession #	NP_112603.2
NCBI GenBank Nucleotide #	NM_031313.2
UniProt Accession #	P10696; Q16727; Q53S81; Q96CM1; A8KAF2
Molecular Weight	57,377 Da
NCBI Official Full Name	alkaline phosphatase, placental-like preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, placental like 2
NCBI Official Symbol	ALPPL2
NCBI Official Synonym Symbols	ALPG; GCAP; ALPPL
NCBI Protein Information	alkaline phosphatase, placental-like
UniProt Protein Name	Alkaline phosphatase, placental-like
UniProt Gene Name	ALPPL2
UniProt Synonym Gene Names	ALPPL; GCAP; PLAP-like

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/alkaline-phosphatase-placental-like-protein-2-alppl2/67992>