

Human Pleiomorphic Adenoma Gene Like Protein 1 (PLAGL1) ELISA Kit | PLAGL1 elisa kit

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CATALOG #
AAA65811

REACTIVITY
Human

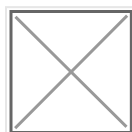
PRODUCT SYNONYMS

Pleiomorphic Adenoma Gene Like Protein 1 (PLAGL1); Human Pleiomorphic Adenoma Gene Like Protein 1 (PLAGL1) ELISA Kit; LOT1; ZAC; ZAC1; Zinc finger protein PLAGL1; Lost on transformation 1; Tumor suppressor ZAC; PLAGL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PLA1. No significant cross-reactivity or interference between PLA1 and analogues was observed.
Sequence Length	463
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	34pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PLA1 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 PLA1 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 PLAGL1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PLA1 in human serum, plasma, tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLA1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLA1. 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 PLA1, 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 PLA1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124381125
NCBI GeneID	5325
NCBI Accession #	NP_001074420.1
NCBI GenBank Nucleotide #	NM_001080951.2
UniProt Accession #	Q9UM63; O76019; Q7Z3V8; Q92981; Q96JR9; Q9UIZ0; B2RBA4; B2RCM8; E1P595; E1P597
Molecular Weight	44,668 Da
NCBI Official Full Name	zinc finger protein PLAGL1 isoform 2
NCBI Official Synonym Full Names	PLAG1 like zinc finger 1
NCBI Official Symbol	PLAGL1
NCBI Official Synonym Symbols	ZAC; LOT1; ZAC1
NCBI Protein Information	zinc finger protein PLAGL1
UniProt Protein Name	Zinc finger protein PLAGL1
UniProt Gene Name	PLAGL1
UniProt Synonym Gene Names	LOT1; ZAC; LOT-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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pleiomorphic-adenoma-gene-like-protein-1-plagl1/65811>