Human 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta) ELISA Kit | AGPAT2 elisa kit

Human 1-acyl-sn-glycerol-3-phosphate acyltransferase beta, AGPAT2 ELISA Kit

CATALOG #	REACTIVITY
AAA180384	**Human**

PRODUCT SYNONYMS

1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase; beta); Human 1-acyl-sn-glycerol-3-phosphate acyltransferase beta; AGPAT2 ELISA Kit; AGPAT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Human serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant AGPAT2 concentration
Assay Type	Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	0.06 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGPAT2 elisa kit	**Principle of the assay:** This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human AGPAT2 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	69122971
NCBI GeneID	10555
NCBI Accession #	NP_001012745.1

NCBI GenBank Nucleotide #	NM_001012727.1
UniProt Accession #	O15120; O00516; O15106; Q5VUD3; Q5VUD4; Q9BSV7; Q9BWR7
Molecular Weight	30,914 Da
NCBI Official Full Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta isoform b
NCBI Official Synonym Full Names	1-acylglycerol-3-phosphate O-acyltransferase 2
NCBI Official Symbol	AGPAT2
NCBI Official Synonym Symbols	BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta
NCBI Protein Information	1-acyl-sn-glycerol-3-phosphate acyltransferase beta; 1-AGPAT 2; 1-AGP acyltransferase 2; lysophosphatidic acid acyltransferase beta; lysophosphatidic acid acyltransferase-beta; 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)
UniProt Protein Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta
UniProt Gene Name	**AGPAT2**
UniProt Synonym Gene Names	1-AGP acyltransferase 2; 1-AGPAT 2; LPAAT-beta
UniProt Entry Name	PLCB_HUMAN

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/1-acylglycerol-3-phosphate-o-acyltransferase-2-lysophosphatidic-acid-acyltransferase-beta/180384