

Human 1 acyl sn glycerol 3 phosphate acyltransferase beta (AGPAT2) ELISA Kit | AGPAT2 elisa kit

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CATALOG # AAA97607	REACTIVITY Human
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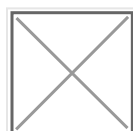
PRODUCT SYNONYMS

1 acyl sn glycerol 3 phosphate acyltransferase beta (AGPAT2); Human 1 acyl sn glycerol 3 phosphate acyltransferase beta (AGPAT2) ELISA Kit; Human 1 acyl sn glycerol 3 phosphate acyltransferase b (AGPAT2) ELISA Kit; AGPAT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ADF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ADF. This ELISA kit for research use only, not for therapeutic applications
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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: ADF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADF antibody and an ADF-HRP conjugate. The assay sample and buffer are incubated together with ADF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ADF concentration since ADF from samples and ADF-HRP conjugate compete for the anti-ADF antibody binding site. Since the number of sites is limited, as more sites are occupied by ADF from the sample, fewer sites are left to bind ADF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADF concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3914362
NCBI GeneID	10555
Molecular Weight	27,279 Da
NCBI Official Full Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta
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-acyl-sn-glycerol-3-phosphate-acyltransferase-beta-agpat2/97607>