

Mouse Glycerol-3-phosphate acyltransferase 3 ELISA Kit | AGPAT9 elisa kit

Mouse Glycerol-3-phosphate acyltransferase 3 (AGPAT9) ELISA Kit

CATALOG #
AAA22621

REACTIVITY
Mouse

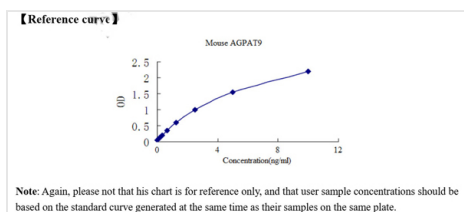
PRODUCT SYNONYMS

Glycerol-3-phosphate acyltransferase 3; Mouse Glycerol-3-phosphate acyltransferase 3 (AGPAT9) ELISA Kit; AGPAT9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	434
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 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 AGPAT9 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse AGPAT9 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	374088036
NCBI GeneID	84803

NCBI Accession #	NP_001243351.1
NCBI GenBank Nucleotide #	NM_001256422.1
Molecular Weight	48,705 Da
NCBI Official Full Name	glycerol-3-phosphate acyltransferase 3
NCBI Official Synonym Full Names	glycerol-3-phosphate acyltransferase 3
NCBI Official Symbol	GPAT3
NCBI Official Synonym Symbols	MAG1; AGPAT8; AGPAT9; AGPAT10; AGPAT 10; HMFN0839; LPAAT-theta
NCBI Protein Information	glycerol-3-phosphate acyltransferase 3
UniProt Protein Name	Glycerol-3-phosphate acyltransferase 3
UniProt Gene Name	GPAT3
UniProt Synonym Gene Names	GPAT-3; AGPAT 10; 1-AGP acyltransferase 9; 1-AGPAT 9; hGPAT3; LPAAT-theta
UniProt Entry Name	GPAT3_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://www.aaabiotech.com/agpat9-mouse-elisa-kits/glycerol-3-phosphate-acyltransferase-3/22621>