

Rat Adipose Triglyceride Lipase (ATGL) ELISA Kit | ATGL elisa kit

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CATALOG #
AAA120866

REACTIVITY
Rat

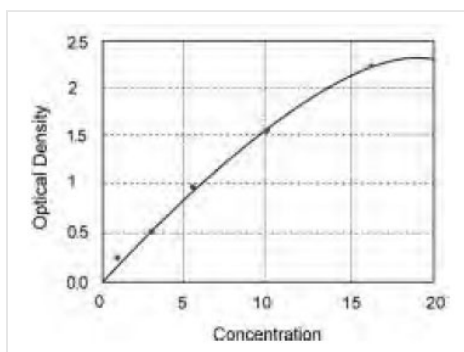
PRODUCT SYNONYMS

Adipose Triglyceride Lipase (ATGL); Rat Adipose Triglyceride Lipase (ATGL) ELISA Kit; ATGL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	479
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-200ng/ml
Sensitivity	0.23ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATGL elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ATGL antibody. ATGL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ATGL Antibody is added and binds to ATGL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ATGL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ATGL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Adipose Triglyceride Lipase (also known as ATGL) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	295685799
NCBI GeneID	101796497
Molecular Weight	53,198 Da
NCBI Official Full Name	ATGL
NCBI Official Symbol	PNPLA2
NCBI Official Synonym Symbols	ATGL
NCBI Protein Information	patatin-like phospholipase domain-containing protein 2
UniProt Protein Name	ATGL

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/rat-elisa-kits/adipose-triglyceride-lipase-atgl/120866>