

Rat ATGL ELISA Kit | ATGL elisa kit

Rat ATGL (Adipose Triglyceride Lipase) ELISA Kit

CATALOG #
AAA164007

REACTIVITY
Rat

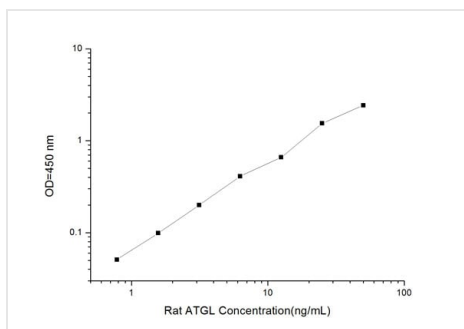
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and some recombinant Rat ATGL. No significant cross-reactivity or interference between Rat ATGL and analogues was observed.
Sequence Length	479
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATGL elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Rat ATGL concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat ATGL. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Rat ATGL and Avidin- Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Rat ATGL, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzymesubstrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat ATGL. The concentration of Rat ATGL in samples can be calculated by comparing the OD of the samples with the standard curve.
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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 2
UniProt Protein Name	ATGL
UniProt Entry Name	B3VHV7_ANAPL

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/atgl/164007>