

Human Adipose Triglyceride Lipase ELISA Kit | ATGL elisa kit

Human ATGL (Adipose Triglyceride Lipase) ELISA Kit

CATALOG #
AAA171441

REACTIVITY
Human

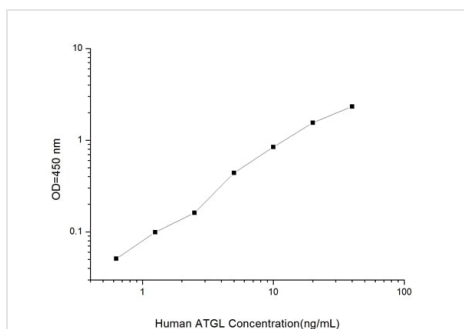
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ATGL. No significant cross-reactivity or interference between Human ATGL and analogues was observed.
Sequence Length	504
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/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 applies to the invitro quantitative determination of HumanATGLconcentrations 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 ATGL. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ATGLand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ATGL, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ATGL.You can calculate the concentration of ATGLin the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58759051
NCBI GeneID	57104
Molecular Weight	19,875 Da
NCBI Official Full Name	adipose triglyceride lipase
NCBI Official Synonym Full Names	patatin like phospholipase domain containing 2
NCBI Official Symbol	PNPLA2
NCBI Official Synonym Symbols	ATGL; TTS2; PEDF-R; FP17548; TTS-2.2; iPLA2zeta; 1110001C14Rik
NCBI Protein Information	patatin-like phospholipase domain-containing protein 2
UniProt Protein Name	Patatin-like phospholipase domain-containing protein 2
UniProt Gene Name	PNPLA2
UniProt Synonym Gene Names	ATGL; TTS2
UniProt Entry Name	PLPL2_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/atgl-human-elisa-kits/adipose-triglyceride-lipase/171441>