

Human Acid trehalase like protein 1 (ATHL1) ELISA Kit | ATHL1 elisa kit

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CATALOG #
AAA247054

REACTIVITY
Human

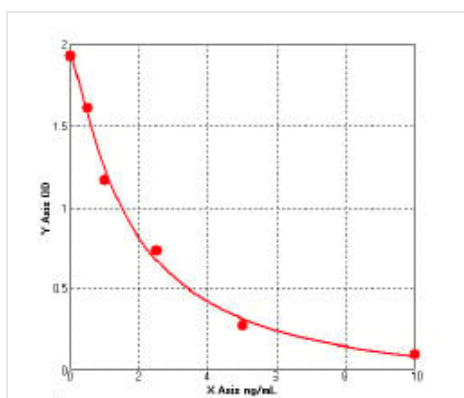
PRODUCT SYNONYMS

Acid trehalase like protein 1 (ATHL1); Human Acid trehalase like protein 1 (ATHL1) ELISA Kit; ATHL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATHL1 elisa kit

Intended Uses: This ATGL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ATGL. This ELISA kit for research use only!

Principle of the Assay: ATGL ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ATGL antibody and an ATGL-HRP conjugate. The assay sample and buffer are incubated together with ATGL-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 ATGL concentration since ATGL from samples and ATGL-HRP conjugate compete for the anti-ATGL antibody binding site. Since the number of sites is limited, as more sites are occupied by ATGL from the sample, fewer sites are left to bind ATGL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATGL concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187829418
NCBI GeneID	80162
NCBI Accession #	NP_079368.3
NCBI GenBank Nucleotide #	NM_025092.4
Molecular Weight	38,273 Da
NCBI Official Full Name	acid trehalase-like protein 1
NCBI Official Synonym Full Names	ATH1, acid trehalase-like 1 (yeast)
NCBI Official Symbol	ATHL1
NCBI Protein Information	acid trehalase-like protein 1
UniProt Protein Name	Acid trehalase-like protein 1
UniProt Gene Name	ATHL1
UniProt Entry Name	ATHL1_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/acid-trehalase-like-protein-1-athl1/247054>