

Human ATG9A (Autophagy-related protein 9A) ELISA Kit | ATG9A elisa kit

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CATALOG #
AAA250816

REACTIVITY
Human

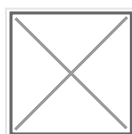
PRODUCT SYNONYMS

ATG9A (Autophagy-related protein 9A); Human ATG9A (Autophagy-related protein 9A) ELISA Kit; ATG9A; Autophagy-related protein 9A; APG9-like 1; mATG9; ATG9A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize ATG9A, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATG9A elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti ATG9A antibody was pre-coated onto the 96-well plate. The biotin conjugated anti ATG9A antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with ATG9A conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of ATG9A in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.

NCBI AND UNIPROT INFORMATION

NCBI GI #

116089287

NCBI GeneID	79065
NCBI Accession #	NP_076990
NCBI GenBank Nucleotide #	NM_024085.4
UniProt Accession #	Q7Z3C6; Q3ZAQ6; Q6P0N7; Q7Z317; Q7Z320; Q8NDK6; Q8WU65; Q9BVL5; Q9H6L1; Q9HAG7
Molecular Weight	60,694 Da
NCBI Official Full Name	autophagy-related protein 9A
NCBI Official Synonym Full Names	autophagy related 9A
NCBI Official Symbol	ATG9A
NCBI Official Synonym Symbols	mATG9; APG9L1; MGD3208
NCBI Protein Information	autophagy-related protein 9A; APG9-like 1; APG9 autophagy 9-like 1; autophagy 9-like 1 protein; ATG9 autophagy related 9 homolog A
UniProt Protein Name	Autophagy-related protein 9A
UniProt Gene Name	ATG9A
UniProt Synonym Gene Names	APG9L1
UniProt Entry Name	ATG9A_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/atg9a-autophagy-related-protein-9a/250816>