

Human Ubiquitin-like protein ATG12, ATG12 ELISA Kit | ATG12 elisa kit

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CATALOG #
AAA123713

REACTIVITY
Human

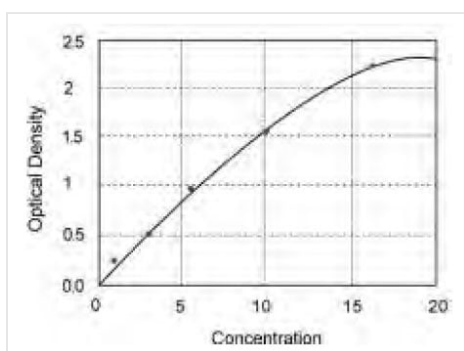
PRODUCT SYNONYMS

Ubiquitin-like protein ATG12; ATG12; Human Ubiquitin-like protein ATG12; ATG12 ELISA Kit; ATG12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	141
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.62ng/L
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 ATG12 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ATG12 antibody. ATG12 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ATG12 Antibody is added and binds to ATG12 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ATG12 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 Human ATG12. 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 Human Ubiquitin-like protein ATG12 (also known as ATG12) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145966752
NCBI GeneID	67526
NCBI GenBank Nucleotide #	NP_080493.2
UniProt Accession #	Q9CQY1
NCBI Official Full Name	ubiquitin-like protein ATG12
NCBI Official Synonym Full Names	autophagy related 12
NCBI Official Symbol	Atg12
NCBI Official Synonym Symbols	Apg12l; Atg12l; 4931423H11Rik; A330058M13Rik
NCBI Protein Information	ubiquitin-like protein ATG12
UniProt Protein Name	Ubiquitin-like protein ATG12
UniProt Gene Name	Atg12
UniProt Synonym Gene Names	Apg12; Apg12l; APG12-like
UniProt Entry Name	ATG12_MOUSE

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/ubiquitin-like-protein-atg12-atg12/123713>