

Human Autophagy Related Protein 12 (ATG12) RTU ELISA Kit | ATG12 rtu elisa kit

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CATALOG #
AAA69246

REACTIVITY
Human

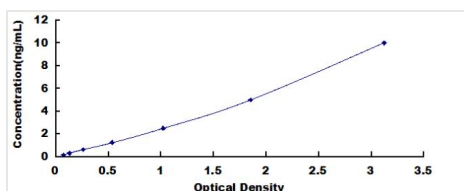
PRODUCT SYNONYMS

Autophagy Related Protein 12 (ATG12); Human Autophagy Related Protein 12 (ATG12) ELISA Kit; APG12; APG12L; HAPG12; Ubiquitin-like protein ATG12; ATG12 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	74
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATG12 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATG12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ATG12. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ATG12, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ATG12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	480540330
NCBI GeneID	9140
NCBI Accession #	NP_001264712.1
NCBI GenBank Nucleotide #	NM_001277783.1
UniProt Accession #	O94817; Q6PJV2
Molecular Weight	7,746 Da
NCBI Official Full Name	ubiquitin-like protein ATG12 isoform 2
NCBI Official Synonym Full Names	autophagy related 12
NCBI Official Symbol	ATG12
NCBI Official Synonym Symbols	APG12; FBR93; APG12L; HAPG12
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/autophagy-related-protein-12-atg12/69246>