

Human Beclin 1 ELISA Kit | Beclin 1 elisa kit

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CATALOG #
AAA16637

REACTIVITY
Human

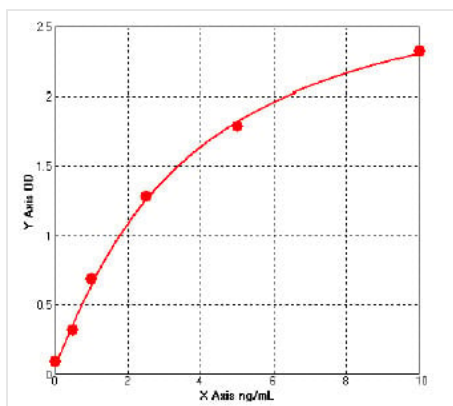
PRODUCT SYNONYMS

Beclin 1; Human Beclin 1 ELISA Kit; Beclin 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BECN-1. No significant cross-reactivity or interference between BECN-1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BECN-1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 Beclin 1 elisa kit	Principle of the Assay: BECN-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BECN-1. Standards or samples are then added to the microtiter plate wells and BECN-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BECN-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for BECN-1 are added to each well to "sandwich" the BECN-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain BECN-1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BECN-1 concentration in each sample is interpolated from this standard curve. Intended Uses: This BECN-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BECN-1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for Beclin 1 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4680381
NCBI GeneID	8678
Molecular Weight	51,896 Da
NCBI Official Full Name	beclin 1
NCBI Official Synonym Full Names	beclin 1, autophagy related
NCBI Official Symbol	BECN1
NCBI Official Synonym Symbols	ATG6; VPS30; beclin1
NCBI Protein Information	beclin-1; ATG6 autophagy related 6 homolog; coiled-coil myosin-like BCL2-interacting protein; beclin 1 (coiled-coil, moesin-like BCL2 interacting protein); beclin 1 (coiled-coil, moesin-like BCL2-interacting protein)
UniProt Protein Name	Beclin-1
UniProt Gene Name	BECN1
UniProt Synonym Gene Names	GT197
UniProt Entry Name	BECN1_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/beclin-1/16637>