

Mouse Beclin 1 ELISA Kit | Beclin 1 elisa kit

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CATALOG #
AAA16194

REACTIVITY
Mouse

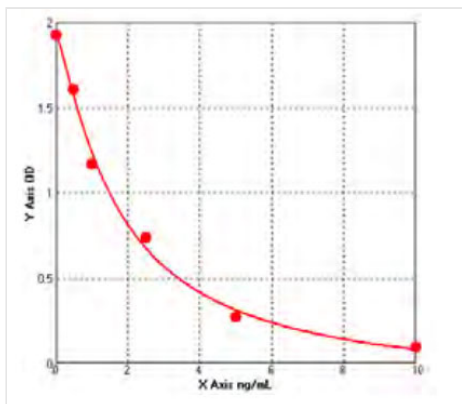
PRODUCT SYNONYMS

Beclin 1; Mouse Beclin 1 ELISA Kit; Beclin 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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
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 competitive enzyme immunoassay technique utilizing a polyclonal anti-BECN-1 antibody and an BECN-1-HRP conjugate. The assay sample and buffer are incubated together with BECN-1-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 BECN-1 concentration since BECN-1 from samples and BECN-1-HRP conjugate compete for the anti-BECN-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BECN-1 from the sample, fewer sites are left to bind BECN-1-HRP conjugate. 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 Mouse 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/mouse-elisa-kits/beclin-1/16194>