

Bovine Beclin 1 ELISA Kit | Beclin 1 elisa kit

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CATALOG #
AAA92994

REACTIVITY
Bovine

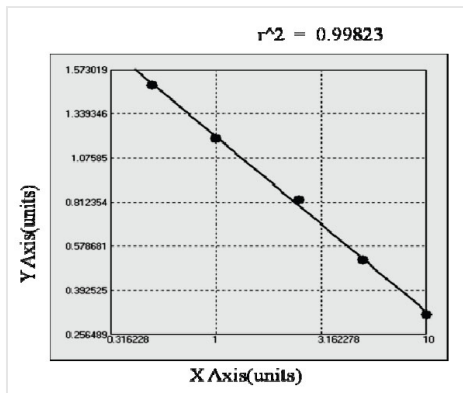
PRODUCT SYNONYMS

Beclin 1; Bovine Beclin 1 ELISA Kit; Beclin 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This BECN-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine BECN-1. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY BECN-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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.