

Canine Beclin 1 ELISA Kit | Beclin 1 elisa kit

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CATALOG #
AAA92537

REACTIVITY
Canine

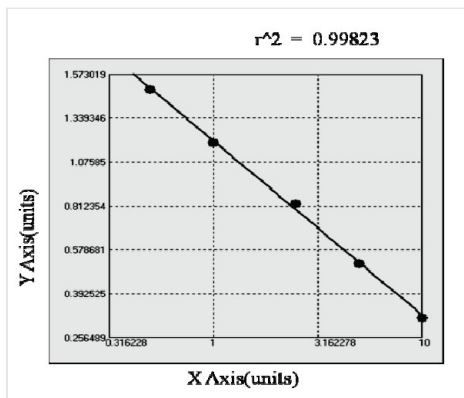
PRODUCT SYNONYMS

Beclin 1; Canine Beclin 1 ELISA Kit; Beclin 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/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

Intended Uses: This BECLIN 1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BECLIN 1. This ELISA kit for research use only!

Principle of the Assay: BECLIN 1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BECLIN 1 antibody and an BECLIN 1-HRP conjugate. The assay sample and buffer are incubated together with BECLIN 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 BECLIN 1 concentration since BECLIN 1 from samples and BECLIN 1-HRP conjugate compete for the anti-BECLIN 1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BECLIN 1 from the sample, fewer sites are left to bind BECLIN 1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BECLIN 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.