

Bovine Autophagy-related protein 9B (ATG9B) ELISA Kit | ATG9B elisa kit

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CATALOG # AAA245072	REACTIVITY Bovine
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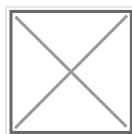
PRODUCT SYNONYMS

Autophagy-related protein 9B (ATG9B); Bovine Autophagy-related protein 9B (ATG9B) ELISA Kit; ATG9B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative 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 ATG9B elisa kit	Intended Uses: This ATG9B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ATG9B. This ELISA kit for research use only! Principle of the Assay: ATG9B ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ATG9B antibody and an ATG9B-HRP conjugate. The assay sample and buffer are incubated together with ATG9B-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 ATG9B concentration since ATG9B from samples and ATG9B-HRP conjugate compete for the anti-ATG9B antibody binding site. Since the number of sites is limited, as more sites are occupied by ATG9B from the sample, fewer sites are left to bind ATG9B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATG9B concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ATG9B elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	239582720
NCBI GeneID	285973

NCBI Accession #	NP_775952.4
NCBI GenBank Nucleotide #	NM_173681.5
Molecular Weight	36,989 Da
NCBI Official Full Name	autophagy-related protein 9B
NCBI Official Synonym Full Names	autophagy related 9B
NCBI Official Symbol	ATG9B
NCBI Official Synonym Symbols	SONE; APG9L2; NOS3AS
NCBI Protein Information	autophagy-related protein 9B; APG9-like 2; autophagy 9-like 2 protein; ATG9 autophagy related 9 homolog B; endothelial nitric oxide synthase antisense; nitric oxide synthase 3-overlapping antisense gene protein
UniProt Protein Name	Autophagy-related protein 9B
UniProt Gene Name	ATG9B
UniProt Synonym Gene Names	APG9L2; NOS3AS; Protein sONE
UniProt Entry Name	ATG9B_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/bovine-ovine-elisa-kits/autophagy-related-protein-9b-atg9b/245072>