

Bovine Angiotensin-related protein 5 (ANGPTL5) ELISA Kit | ANGPTL5 elisa kit

Bovine Angiotensin-related protein 5 (ANGPTL5) ELISA Kit

CATALOG # AAA245626	REACTIVITY Bovine
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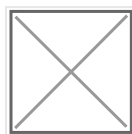
PRODUCT SYNONYMS

Angiotensin-related protein 5 (ANGPTL5); Bovine Angiotensin-related protein 5 (ANGPTL5) ELISA Kit; ANGPTL5 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 ANGPTL5 elisa kit	<p>Intended Uses This ANGPTL5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ANGPTL5. This ELISA kit for research use only!</p> <p>Principle of the Assay: ANGPTL5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-ANGPTL5 antibody and an ANGPTL5-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL5-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 ANGPTL5 concentration since ANGPTL5 from samples and ANGPTL5-HRP conjugate compete for the anti-ANGPTL5 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL5 from the sample, fewer sites are left to bind ANGPTL5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL5 concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for ANGPTL5 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960047
NCBI GeneID	253935

NCBI Accession #	NP_835228.2
NCBI GenBank Nucleotide #	NM_178127.4
Molecular Weight	44,144 Da
NCBI Official Full Name	angiopoietin-related protein 5
NCBI Official Synonym Full Names	angiopoietin-like 5
NCBI Official Symbol	ANGPTL5
NCBI Protein Information	angiopoietin-related protein 5; angiopoietin-like protein 5
UniProt Protein Name	Angiopoietin-related protein 5
UniProt Gene Name	ANGPTL5
UniProt Synonym Gene Names	UNQ5795/PRO19600
UniProt Entry Name	ANGL5_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/angiopoietin-related-protein-5-angptl5/245626>