

Bovine Angiopoietin-related protein 7 (ANGPTL7) ELISA Kit | ANGPTL7 elisa kit

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CATALOG #
AAA247100

REACTIVITY
Bovine

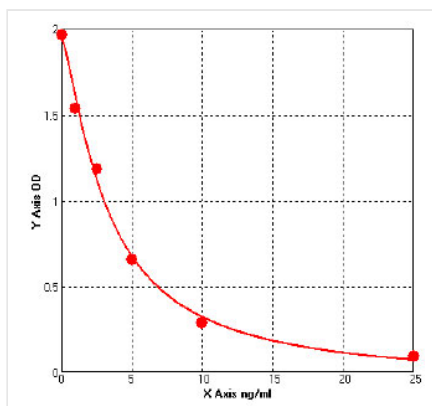
PRODUCT SYNONYMS

Angiopoietin-related protein 7 (ANGPTL7); Bovine Angiopoietin-related protein 7 (ANGPTL7) ELISA Kit; ANGPTL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of ANGPTL7. No significant cross-reactivity or interference between ANGPTL7 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ANGPTL7 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 ANGPTL7 elisa kit	Principle of the Assay: ANGPTL7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANGPTL7 antibody and an ANGPTL7-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL7-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 ANGPTL7 concentration since ANGPTL7 from samples and ANGPTL7-HRP conjugate compete for the anti-ANGPTL7 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL7 from the sample, fewer sites are left to bind ANGPTL7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL7 concentration in each sample is interpolated from this standard curve. Intended Uses: This ANGPTL7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ANGPTL7. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ANGPTL7 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863949
NCBI GeneID	10218
NCBI Accession #	NP_066969.1
NCBI GenBank Nucleotide #	NM_021146.3
Molecular Weight	40,018 Da
NCBI Official Full Name	angiotensinogen-related protein 7
NCBI Official Synonym Full Names	angiotensinogen-like 7
NCBI Official Symbol	ANGPTL7
NCBI Official Synonym Symbols	AngX; CDT6; dJ647M16.1
NCBI Protein Information	angiotensinogen-related protein 7; angiotensinogen-like protein 7; angiotensinogen-like factor (CDT6); cornea-derived transcript 6 protein
UniProt Protein Name	Angiotensinogen-related protein 7
UniProt Gene Name	ANGPTL7
UniProt Synonym Gene Names	CDT6; UNQ313/PRO356
UniProt Entry Name	ANGL7_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.