

Bovine Angiopoietin Like Protein 2 ELISA Kit | ANGPTL2 elisa kit

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CATALOG #
AAA88264

REACTIVITY
Bovine

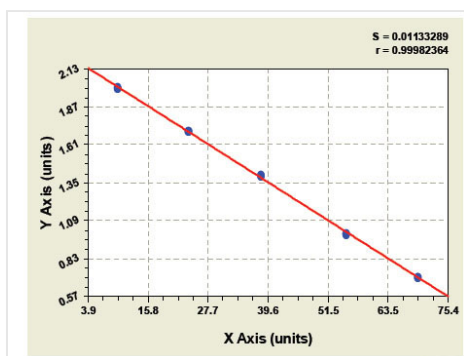
PRODUCT SYNONYMS

Angiopoietin Like Protein 2; Bovine Angiopoietin Like Protein 2 ELISA Kit; ANGPTL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This ANGPTL2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ANGPTL2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPTL2 elisa kit

Principle of the Assay: ANGPTL2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANGPTL2 antibody and an ANGPTL2-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL2-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 ANGPTL2 concentration since ANGPTL2 from samples and ANGPTL2-HRP conjugate compete for the anti-ANGPTL2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL2 from the sample, fewer sites are left to bind ANGPTL2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANGPTL2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912236
NCBI GeneID	23452
NCBI Accession #	NP_036230.1
NCBI GenBank Nucleotide #	NM_012098.2
Molecular Weight	57,104 Da
NCBI Official Full Name	angiopoietin-related protein 2
NCBI Official Synonym Full Names	angiopoietin-like 2
NCBI Official Symbol	ANGPTL2
NCBI Official Synonym Symbols	ARP2; HARP
NCBI Protein Information	angiopoietin-related protein 2; angiopoietin-like protein 2
UniProt Protein Name	Angiopoietin-related protein 2
UniProt Gene Name	ANGPTL2
UniProt Synonym Gene Names	ARP2; UNQ170/PRO196
UniProt Entry Name	ANGL2_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/angptl2-bovine-ovine-elisa-kits/angiopoietin-like-protein-2/88264>