



Bovine Angiopoietin-1(ANGPT1) ELISA kit

Product Code	CSB-EL001706BO
Abbreviation	ANGPT1
Protein Biological Process 1	Cardiovascular
Target Name	angiopoietin 1
Uniprot No.	O18920
Alias	AGP1, AGPT, ANG1
Product Type	ELISA Kit
Immunogen Species	Bos taurus (Bovine)
Protein Biological Process 3	Angiogenesis
Sample Types	serum, plasma, tissue homogenates
Detection Range	12.5 ng/mL-800 ng/mL
Sensitivity	1.384 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cardiovascular
Gene Names	ANGPT1
Tag Info	quantitative
Protein Description	Sandwich

Description

This Bovine ANGPT1 ELISA Kit was designed for the quantitative measurement of Bovine ANGPT1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 12.5 ng/mL-800 ng/mL and the sensitivity is 1.384 ng/mL.

Target Details

Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. This protein is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the



heart.

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