

Bovine Serpin Family A Member 5 (Serpina5) ELISA Kit-Sandwich

Cat. No.: EK10F109

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine SERPINA5 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine serpin family A member 5 (SERPINA5) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Bovine SERPINA5.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	32-2000 pg/mL
Sensitivity	6.25 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Serpin family A member 5 is encoded by the *SERPINA5* gene in cattle. It is a member of the SERPINS (serine protease inhibitors) which regulate proteases involving fibrinolysis, coagulation, inflammation, cell mobility, cellular differentiation and apoptosis.

Target/Biomarker	Bovine SERPINA5
Target Synonym	serpin family A member 5; plasma serine protease inhibitor; PCI; protein C inhibitor; serpin A5
Gene ID	338050
UniProt ID	Q9N2I2

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

Reference

Hayashi, K. G. *et al.* Differential gene expression of serine protease inhibitors in bovine ovarian follicle: possible involvement in follicular growth and atresia. *Reproductive biology and endocrinology : RB&E*. 2011, 9: 72.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.