

Bovine Cystatin-A (CSTA) ELISA Kit-Sandwich

Cat. No.: EK11F667

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Cystatin-A (CSTA) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Cystatin-A (CSTA) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, 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 CSTA.
Target Species	Bovine
Species Reactivity	Bovine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Bovine Cystatin-A is encoded by the *CSTA* gene in cattle. It is a member of cystatins, a family of tight-binding and reversible inhibitors of cysteine endopeptidases. Cystatin-A functions as a cysteine protease inhibitor. It forms tight complexes with enzymes such as papain and the cathepsins B, H, and L. In keratinocytes, Cystatin-A is one of the precursor proteins of the cornified cell envelope, playing a role in epidermal development and maintenance.

Target/Biomarker	Bovine CSTA
Target Synonym	cystatin A; cystatin-A; cystatin AS; stefin A
Gene ID	617114
UniProt ID	P80416

Shipping and Storage

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

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.