

Bovine Somatostatin (SST) ELISA Kit-Sandwich

Cat. No.: EK12F114

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Somatostatin (SST) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Somatostatin (SST) 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 SST.
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

Somatostatin is a hormone peptide that regulates the release of other hormones, such as growth hormone and pancreatic hormone. It also has neurotransmitter and gut-regulatory functions. Excessive or low levels of somatostatin can cause health issues, such as tumors, diabetes, and diarrhea. Bovine Somatostatin is encoded by the *SST* gene in cattle. It has been reported that somatostatin can alter fertility genes expression, oocytes maturation, and embryo development in cattle.

Target/Biomarker	Bovine SST
Target Synonym	somatostatin
Gene ID	280932
UniProt ID	P26917

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.