

Swine Somatostatin (SST) ELISA Kit-Competitive

Cat. No.: EK1F265

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Somatostatin (SST) ELISA Kit-Competitive is designed for the quantitative determination of Swine Somatostatin (SST) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only. Sandwich ELISA assay kit targeting Swine Somatostatin (SST) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Swine SST.
Target Species	Swine
Species Reactivity	Swine
Detection Range	7.82-500 pg/mL
Sensitivity	2.74 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Somatostatin is encoded by the porcine SST gene. It is a tetradecapeptide with a molecular weight of 1600. Research has suggested a dual origin of somatostatin in the porcine pineal gland and the possibility of its role as a neurotransmitter and a paracrine agent. Excessive or low levels of somatostatin can cause health issues, such as tumors, diabetes, and diarrhea.

Target/Biomarker	Swine SST
Target Synonym	GHIH; SRIF; SMST; GHRH; GHRIF; Growth Hormone Releasing Inhibiting Hormone; Somatotropin Release-Inhibiting Factor; Somatostatin-14; Somatostatin-28
Gene ID	494469

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.