

Swine Androstenone (ADST) ELISA Kit-Competitive

Cat. No.: EK1F224

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Androstenone (ADST) ELISA Kit-Competitive is designed for the quantitative determination of Swine Androstenone (ADST) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Swine ADST.
Target Species	Swine
Species Reactivity	Swine
Detection Range	31.25-2000 nmol/ml
Sensitivity	10.19 nmol/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

Androstenone (5 α -androst-16-en-3-one) is a 16-androstene class steroidal pheromone. It is found in boar's saliva, celery cytoplasm, and truffle fungus. It is one of the major compounds responsible for boar odor. Androstenone was the first mammalian pheromone to be identified. It is found in high concentrations in the saliva of male pigs. When inhaled by a female pig in heat, it results in the female assuming the mating stance.

Target/Biomarker	Swine ADST
Target Synonym	Androstenone

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

Pokorná, K. *et al.* Changes of Androstenone Concentrations in Saliva of Boars with Age. *Animals : an open access journal from MD PI*. 2022, 12.

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.