

Porcine Cathepsin D (CTSD) ELISA Kit-Sandwich

Cat. No.: EK9F986

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine CTSD ELISA Kit-Sandwich is designed for the quantitative determination of Porcine cathepsin D (CTSD) 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 Porcine CTSD.
Target Species	Swine
Species Reactivity	Swine
Detection Range	156-10000 pg/mL
Sensitivity	32 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

Cathepsin D is encoded by the *CTSD* gene in pigs. Research showed that Cd exposure inhibited the expression of cathepsins (CTSB and CTSD) in pigs.

Target/Biomarker	Porcine CTSD
Target Synonym	cathepsin D; lysosomal aspartyl peptidase; prepro-cathepsin D; prepro-CD
Gene ID	494568
UniProt ID	P00795

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.