

Porcine Metalloreductase STEAP1 (STEAP1) ELISA Kit-Sandwich

Cat. No.: EK12F759

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Metalloreductase STEAP1 (STEAP1) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Metalloreductase STEAP1 (STEAP1) 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 Porcine STEAP1.
Target Species	Swine
Species Reactivity	Swine
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

Metalloreductase STEAP1, also known as STAMP1 (Six-Transmembrane Epithelial Antigen of the Prostate 1), is an intriguing protein involved in iron metabolism and inflammation. Metalloreductase STEAP1 is encoded by the *STEAP1* gene in pigs. The gene product is predicted to be a protein with six transmembrane segments. It has been shown to be a cell surface antigen that is significantly expressed at cell-cell junctions.

Target/Biomarker	Porcine STEAP1
Target Synonym	Metalloreductase STEAP1; Six transmembrane endothelial antigen of PAEC; Six-transmembrane epithelial antigen of prostate 1; STEAP1; STEAP; 1.16.1.-
Gene ID	397573
UniProt ID	Q9GL50

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

Nygård, I. E. *et al.* Tissue Remodelling following Resection of Porcine Liver. *BioMed research international*. 2015, 2015: 248920.

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.