

Swine Natriuretic Peptide B (NPPB) ELISA Kit-Competitive

Cat. No.: EK1F243

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Natriuretic Peptide B (NPPB) ELISA Kit-Competitive is designed for the quantitative determination of Swine Natriuretic Peptide B (NPPB) 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 Natriuretic Peptide B (NPPB) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Swine NPPB.
Target Species	Swine
Species Reactivity	Swine
Detection Range	31.25-2000 pg/mL
Sensitivity	9.27 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

Natriuretic Peptides B (BNP), also known as brain natriuretic peptide, is a protein that plays a significant role in assessing heart function. BNP is produced by the heart and blood vessels. Natriuretic peptide B is encoded by the *NPPB* gene in pigs. Research has shown that porcine natriuretic peptide type B can maintain mouse oocyte meiotic arrest via natriuretic peptide receptor 2 in cumulus cells.

Target/Biomarker	Swine NPPB
Target Synonym	GC-B; B-Type Natriuretic Peptide; Ventricular Natriuretic Peptide; Gamma-brain natriuretic peptide; Brain natriuretic peptide 32

Gene ID [396844](#)

UniProt ID [P07634](#)

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.