

Canine Substance P (SP) ELISA Kit-Competitive

Cat. No.: EK1F490

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Canine Substance P (SP) ELISA Kit-Competitive is designed for the quantitative determination of Canine Substance P (SP) 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 Canine SP.
Target Species	Canine
Species Reactivity	Canine
Detection Range	78.13-5000 pg/mL
Sensitivity	46.89 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

Substance P is the first mammalian neuropeptide, discovered in 1931. It acts as both a neurotransmitter and a neuromodulator. Substance P binds to neurokinin-1 (NK-1) receptors located in the vomiting center of the central nervous system (CNS) to induce vomiting. Selective substance P antagonists can act as potent, broad-spectrum antiemetics against a variety of emetic stimuli in dogs and cats.

Target/Biomarker	Canine SP
Target Synonym	TAC1;TAC2;NKNA

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.