

Feline Intact Parathyroid Hormone (i-PTH) ELISA Kit-Sandwich

Cat. No.: EK4F14

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Feline Intact Parathyroid Hormone (i-PTH) ELISA Kit-Sandwich is designed for the quantitative determination of Feline i-PTH 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 Feline i-PTH.
Target Species	Feline
Species Reactivity	Feline
Detection Range	125-4200 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Feline i-PTH is an 84-amino acid polypeptide secreted by the parathyroid glands in response to low extracellular calcium levels. It serves as a primary regulator of calcium and phosphorus homeostasis by stimulating bone resorption, enhancing renal calcium reabsorption, and promoting vitamin D synthesis. Measuring the "intact" form is clinically superior in cats for diagnosing primary hyperparathyroidism and monitoring secondary hyperparathyroidism associated with chronic kidney disease (CKD), as it distinguishes active hormone from inactive fragments.

Target/Biomarker	Feline i-PTH
Target Synonym	PTH; Parathormone; Parathyrin; PTH 1-84

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.