

Chicken Peptide YY (PYY) ELISA Kit-Competitive

Cat. No.: EK3F379

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Chicken Peptide YY (PYY) ELISA Kit-Competitive is designed for the quantitative determination of Chicken Peptide YY (PYY) 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 Chicken Peptide YY (PYY) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Chicken PYY.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	50-800 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 extract, and other biological fluids.

Target Information

Peptide YY (PYY), also referred to as peptide tyrosine tyrosine, is a short peptide consisting of 36 amino acids. It is released by cells in the ileum and colon following food intake. In the bloodstream, gastrointestinal tract, and other peripheral areas, PYY functions to decrease appetite. Similarly, when administered directly into the central nervous system, PYY exhibits anorexigenic properties, meaning it also suppresses appetite. The chicken brain has receptors specific for PYY and NPY, as was found in mammalian brains.

Target/Biomarker	Chicken PYY
Target Synonym	Peptide YY; PYY; Peptide tyrosine tyrosine
Gene ID	395564
UniProt ID	P29203

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.