

Mouse Cholecystokinin 8 (CCK8) ELISA Kit-Competitive

Cat. No.: EK5F524

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Mouse Cholecystokinin 8 (CCK8) ELISA Kit-Competitive is designed for the quantitative determination of Mouse CCK8 in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 Mouse Cholecystokinin 8 (CCK8).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	15.7-1000 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

In mice, CCK-8 is involved in various functions, including regulating satiety, pancreatic enzyme secretion, distribution within the nervous system, and interactions with other neurotransmitters. CCK-8 can induce feelings of fullness by acting on the peripheral or central nervous system, with its satiating effect linked to specific brain areas like the ventromedial and ventrolateral nuclei of the hypothalamus. Beyond its role in the digestive system, CCK-8 is also expressed in the central nervous system. For example, CCK-8-like immunoreactive neurons are found in the amygdala, olfactory bulb, and thalamus of mice, and these neurons may contribute to complex behaviors such as emotion regulation and pain perception.

Target/Biomarker	Mouse CCK8
Target Synonym	Sincalide

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.