

Mouse Ovalbumin Specific IgE (OVA sIgE) ELISA Kit-Sandwich

Cat. No.: EK6F741

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Ovalbumin Specific IgE (OVA sIgE) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse OVA sIgE 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 Mouse Ovalbumin Specific IgE (OVA sIgE).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	0.312-20 µg/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

The generation of OVA-specific IgE is typically associated with allergic reactions. For instance, in mice, a notable increase in serum levels of OVA-specific IgE is observed during allergic reactions triggered by subcutaneous OVA injections, which are linked to IgE-mediated allergies. Research has shown that when mice are exposed to OVA via oral or inhalation pathways, their serum levels of OVA-specific IgE rise significantly, highlighting OVA-specific IgE production as a key indicator of allergic responses. The detection of OVA-specific IgE is commonly performed using the ELISA method. By measuring OVA-specific IgE in mouse serum through ELISA, the severity of allergic reactions can be assessed. The primary role of OVA-specific IgE is to initiate allergic inflammatory responses by attaching to IgE receptors on mast cells and basophils.

Target/Biomarker	Mouse OVA sIgE
Target Synonym	OVA SIgE

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.