

Rabbit Immunoglobulin A (IgA) ELISA Kit-Competitive

Cat. No.: EK3F343

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Rabbit Immunoglobulin A (IgA) ELISA Kit-Competitive is designed for the quantitative determination of Rabbit IgA 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 Rabbit IgA
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	12-3000 ng/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

Immunoglobulin A (IgA), also known as sIgA in its secretory form, is an antibody integral to the immune function of mucous membranes. The quantity of IgA produced in conjunction with mucosal membranes surpasses that of all other antibody types combined. The European rabbit possesses 15 IgA subclasses, each characterized by unique hinge region motifs and differing lengths. The unique IgA system in rabbits makes them valuable models for studying mucosal immunity. Studies on the differing hinge regions of the rabbit IgA subclasses, are being done to see if those regions can be used to improve human IgA based therapeutic agents.

Target/Biomarker	Rabbit IgA
Target Synonym	Immunoglobulin A; IgA

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.