

Rabbit Immunoglobulin M (IgM) ELISA Kit-Competitive

Cat. No.: EK3F332

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Rabbit Immunoglobulin M (IgM) ELISA Kit-Competitive is designed for the quantitative determination of Rabbit IgM in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Competitive ELISA method. For research use only. Sandwich ELISA assay kit targeting Rabbit IgM is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Rabbit IgM
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	15.7-4000 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 M (IgM) is the largest among the various antibody isotypes produced by vertebrates. It has the ability to bind to the complement component C1 and activate the classical pathway, which results in the opsonization of antigens and cytolysis. Rabbit sera typically contain low levels of IgM, posing a significant challenge for its isolation. However, in rabbits infected with live trypanosomes, IgM levels can reach up to 10 mg/mL. Rabbit IgM is a multivalent antibody capable of binding multiple antigenic molecules simultaneously.

Target/Biomarker	Rabbit IgM
Target Synonym	IGHM; Immunoglobulin Heavy Constant Mu; Ig mu chain C region

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.