

Equine Immunoglobulin G (IgG) ELISA Kit-Competitive

Cat. No.: EK1F148

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Equine Immunoglobulin G (IgG) ELISA Kit-Competitive is designed for the quantitative determination of Equine Immunoglobulin G (IgG) 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 Equine IgG is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Equine IgG.
Target Species	Equine
Species Reactivity	Equine
Detection Range	1.57-100 µg/mL
Sensitivity	0.51 µg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Immunoglobulin G (IgG) is the predominant type of antibody present in blood circulation. IgG binds to various pathogens such as viruses, bacteria, and fungi, protecting the body from infection. Interestingly, among all mammalian species studied so far, horses possess the highest number of IgG constant region genes. Furthermore, all seven IgG subclasses encoded by these genes appear to be expressed *in vivo*.

Target/Biomarker	Equine IgG
Target Synonym	Immunoglobulin G

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.