

Equine C Reactive Protein (CRP) ELISA Kit-Sandwich

Cat. No.: EK1F121

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Equine C Reactive Protein (CRP) ELISA Kit-Sandwich is designed for the quantitative determination of Equine C Reactive Protein (CRP) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, 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 Equine CRP.
Target Species	Equine
Species Reactivity	Equine
Detection Range	6.25-400 ng/mL
Sensitivity	2.43 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 210 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

C-reactive protein (CRP) is a protein produced by the liver. When there's inflammation in the body, the level of CRP increases. C-reactive protein is encoded by the *CRP* gene in horses. In a previous study, serum CRP concentration was found to increase rapidly and peak at approximately 14.1 micrograms/ml in 12-month-old horses. CRP is one of the acute phase reactive proteins in horses.

Target/Biomarker	Equine CRP
Target Synonym	C-RP; PTX1; Pentraxin-Related; Pentraxin 1
Gene ID	100057752

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.