

Mouse Cystatin C (Cys-C) ELISA Kit-Sandwich

Cat. No.: EK5F172

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Cystatin C (Cys-C) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse Cys-C 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 Cystatin C (Cys-C).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	0.32-20 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

Cystatin-C is a protein that inhibits cysteine proteinases, playing a key physiological role in locally regulating the activity of these enzymes. In mice, its primary function is as a marker of renal function, as well as its potential applications in cardiovascular disease, neurodegenerative disorders, tumor prognosis, and inflammatory response. Variations in cystatin-C levels may be associated with inflammation and immune response. In certain cancers, like breast cancer and multiple myeloma, elevated cystatin-C levels indicate tumor burden and may serve as a prognostic marker.

Target/Biomarker	Mouse Cys-C
Target Synonym	CST3; Cystatin 3; ARMD11; Post-Gamma-Globulin; Gamma Trace; Post-Gamma-Globulin; Neuroendocrine Basic Polypeptide; Amyloid Angiopathy And Cerebral Hemorrhage
Gene ID	13010

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.