

Mouse Ferritin (FE) ELISA Kit-Sandwich

Cat. No.: EK5F9

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Ferritin (FE) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse FE 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 Ferritin (FE).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	0.63-40 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

Ferritin is a ubiquitous protein found both inside and outside cells, responsible for storing iron and releasing it in a regulated manner. Insoluble iron deposits, which frequently appear as iron oxide nanoparticles within protein aggregates, malfunctioning ferritin, or activated microglia, have been identified as key contributors to neuroinflammation in Alzheimer's disease. The function of ferritin in mice is closely related primarily to its role in iron homeostasis and oxidative damage. These functions are important for maintaining health and physiological homeostasis in mice.

Target/Biomarker	Mouse FE
Target Synonym	Ferritin

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.