

Mouse Leukocyte Cell Derived Chemotaxin 2 (LECT2) ELISA Kit-Sandwich

Cat. No.: EK6F339

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Leukocyte Cell Derived Chemotaxin 2 (LECT2) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse LECT2 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 Leukocyte Cell Derived Chemotaxin 2 (LECT2).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	78.25-5000 pg/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

Leukocyte cell-derived chemotaxin-2 (LECT2) has neutrophil chemotactic activity and positively regulates chondrocyte proliferation. In mice, LECT2 performs various functions related to metabolism, immunity, tumor progression, liver regeneration, neural development, and more. As a liver hormone, LECT2 senses fat accumulation and regulates insulin sensitivity in skeletal muscle. Research indicates that LECT2 influences insulin signaling via the JNK pathway, leading to insulin resistance and impaired signaling. In a bacterial sepsis model, LECT2 improves the survival rate of mice by enhancing the phagocytic and bactericidal activities of macrophages through activation of the CD209a receptor.

Target/Biomarker	Mouse LECT2
Target Synonym	Chm-II; Chm2
Gene ID	16841

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.