

Mouse C-C Motif Chemokine 24 (CCL24) ELISA Kit-Sandwich

Cat. No.: EK6F926

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse C-C Motif Chemokine 24 (CCL24) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse CC L24 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 C-C Motif Chemokine 24 (CCL24).
Target Species	Mouse
Species Reactivity	Mouse
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

C-C motif chemokine 24 is chemotactic for resting T-lymphocytes and eosinophils, exhibiting lower chemotactic activity for neutrophils and none for monocytes and activated lymphocytes. It strongly suppresses colony formation by a multipotential hematopoietic progenitor cell line. The expression of CCL24 in the liver is closely associated with liver fibrosis and inflammation. Neutralizing antibodies against CCL24, such as CM-101, can significantly reduce liver injury, inflammation, and fibrosis in the Mdr2^{-/-} mouse model. CCL24 is primarily secreted by liver macrophages and facilitates the recruitment and proliferation of immune cells during inflammation and fibrosis. It also promotes the activation and proliferation of hepatic stellate cells (HSC) by activating macrophages and fibroblasts, thereby exacerbating liver fibrosis.

Target/Biomarker	Mouse CCL24
Target Synonym	C-C Motif Chemokine 24; Ccl24
Gene ID	56221
UniProt ID	Q9JKC0

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.