

Mouse Thy1 Cell Surface Antigen (Thy1) ELISA Kit-Sandwich

Cat. No.: EK5F607

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Thy1 Cell Surface Antigen (Thy1) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse Thy1 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 Thy1 Cell Surface Antigen (Thy1).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	12.5-800 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

The Thy-1 membrane glycoprotein may be involved in cell-cell or cell-ligand interactions during synaptogenesis and other neurological events. In a mouse model of cholestatic liver fibrosis, Thy1 has proven to be a reliable marker for identifying and isolating liver fibrotic cells, such as hepatic stellate cells, which are pivotal in the process of liver fibrosis. Expression of Thy1 allows for specific detection and analysis of liver fibrotic cells. Furthermore, research indicates that Thy1 expression in hepatocytes is linked to liver fibrosis, particularly during liver regeneration. Thy1-expressing interstitial cells are possibly associated with fibroblasts and myofibroblasts, contributing to the synthesis and deposition of collagen.

Target/Biomarker	Mouse Thy1
Target Synonym	CD90; CDw90; THY myocyte differentiation antigen 1
Gene ID	21838

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.