

Mouse Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) ELISA Kit-Sandwich

Cat. No.: EK6F435

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Platelet Activating Factor Acetylhydrolase 2 (PAFAH2) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse PAFAH2 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 Platelet Activating Factor Acetylhydrolase 2 (PAFAH2).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	31.25-2000 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

Platelet-activating factor acetylhydrolase 2, cytoplasmic, is an enzyme that catalyzes the hydrolysis of the acetyl group at the sn-2 position of platelet-activating factor (PAF) and its analogs, resulting in their inactivation. It hydrolyzes propionyl and butyryl groups at about half the efficiency of PAF. Known also as PAFAH2 or PLA2G7B, this enzyme is ubiquitously expressed in mice, with a primary role in hydrolyzing oxidized phospholipids, particularly oxidatively fragmented phosphatidylethanolamine (OxPLs). It is found in various tissues, including macrophages, liver, kidney, colon, testis, and pancreas, but is present at lower levels in other tissues.

Target/Biomarker	Mouse PAFAH2
Target Synonym	SD-PLA2; Serine-dependent phospholipase A2; Platelet-activating factor acetylhydrolase 2; cytoplasmic
Gene ID	100163

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.