

Vitamin K1 (VK1) ELISA Kit-Competitive

Cat. No.: EK1F840

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic General Vitamin K1 (VK1) ELISA Kit-Competitive is designed for the quantitative determination of General Vitamin K1 (VK1) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for General VK1.
Target Species	General
Species Reactivity	General
Detection Range	156.26-10000 pg/mL
Sensitivity	49.3 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Vitamin K1 (phylloquinone) is a type of vitamin K found in plants, especially in leafy green vegetables like spinach and kale. It is a fat-soluble vitamin that is naturally present in some foods and is available as a dietary supplement. It is essential for blood clotting and bone health. It is also involved in controlling the binding of calcium in bones and other tissues.

Target/Biomarker	General VK1
Target Synonym	Phylloquinone; Phytonadione; Phytomenadione

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.