

Rabbit Vascular Endothelial Growth Factor 121 (VEGF121) ELISA Kit-Sandwich

Cat. No.: EK3F221

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Rabbit Vascular Endothelial Growth Factor 121 (VEGF121) ELISA Kit-Sandwich is designed for the quantitative determination of Rabbit VEGF121 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 Rabbit VEGF121
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	15.7-1000 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

Vascular endothelial growth factor (VEGF), initially termed vascular permeability factor (VPF), is a signaling protein produced by various cells to stimulate blood vessel formation. Unlike other VEGF variants, VEGF121 does not bind to heparin, whereas the others have the ability to bind heparin. The function of VEGF121 in rabbits is mainly reflected in its role in promoting angiogenesis, responding to the hypoxic environment, and in tissue repair. The application of VEGF121 in rabbit models suggests that it has potential therapeutic value. For example, in a rabbit model of ischemic ear injury, VEGF121-transfected fibroblasts significantly promoted tissue repair and angiogenesis.

Target/Biomarker	Rabbit VEGF121
Target Synonym	VEGF121

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.