

Sheep Von Willebrand Factor (VWF) ELISA Kit-Sandwich

Cat. No.: EK12F932

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Sheep Von Willebrand Factor (VWF) ELISA Kit-Sandwich is designed for the quantitative determination of Sheep Von Willebrand Factor (VWF) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, 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 Sheep VWF.
Target Species	Ovine
Species Reactivity	Ovine
Detection Range	1.563-100 pg/mL
Sensitivity	0.94 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Von Willebrand Factor is encoded by the *VWF* gene in sheep. vWF is a protein that plays a critical role in blood coagulation. It is synthesized in endothelial cells and megakaryocytes and stored in Weibel-Palade bodies in endothelial cells and in alpha granules in platelets. VWF promotes platelet adhesion to the subendothelial matrix at sites of vascular injury. It acts as a bridge between platelets and exposed collagen fibers in damaged blood vessels.

Target/Biomarker	Sheep VWF
Target Synonym	Von Willebrand Factor
Gene ID	101110931
UniProt ID	W5PG63

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

Reference

Okhota, S. *et al.* Shear Stress-Induced Activation of von Willebrand Factor and Cardiovascular Pathology. *International journal of molecular sciences*. 2020, 21: 7804.

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.