

VWF (Human) ELISA Kit

Catalog # KA0512

Size 1 Kit

Specification

Product Description	VWF (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human VWF.
Suitable Sample	Cell Culture Samples, Plasma, Serum
Sample Volume	50 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.625 to 40 mIU/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — VWF

Entrez GeneID	7450
Gene Name	VWF
Gene Alias	F8VWF, VWD

Gene Description	von Willebrand factor
Omim ID	193400
Gene Ontology	Hyperlink
Gene Summary	The glycoprotein encoded by this gene functions as both an antihemophilic factor carrier and a platelet-vessel wall mediator in the blood coagulation system. It is crucial to the hemostasis process. Mutations in this gene or deficiencies in this protein result in von Willebrand's disease. An unprocessed pseudogene has been found on chromosome 22. [provided by RefSeq]
Other Designations	coagulation factor VIII VWF

Publication Reference

- [Serum biomarkers in patients with hand-arm vibration injury and in controls.](#)

Eva Tekavec, Tohr Nilsson, Lars B Dahlin, Elizabeth Huynh, Anna Axmon, Catarina Nordander, Jakob Riddar, Monica Kåredal.
Scientific Reports 2024 Feb; 14(1):2719.

Application: Quant, Human, Blood

- [Characterization of the von Willebrand factor/factor VIII complex produced by a novel purification process.](#)

Jee Won Ahn, Eun Sun Chang, You Jin Jung, So Ra Kim, Baik L Seong, Suk Hoon Ha.
Archives of Pharmacal Research 2020 Jul; 43(7):714.

Application: Quant, Human, Human plasma

- [Endocardial Endothelial Dysfunction Progressively Disrupts Initially Anti then Pro-Thrombotic Pathways in Heart Failure Mice.](#)

Schoner A, Tyrrell C, Wu M, Gelow JM, Hayes AA, Lindner JR, Thornburg KL, Hasan W.
PLOS One 2015 Nov; 10(11):e0142940.

Application: ELISA, Mouse, Blood

- [Evaluation of a new automated ELISA test for von Willebrand factor using two monoclonal antibodies.](#)

Pittet JL, Barbalat V, Sanvert M, Villard C, Jorieux S, Mazurier C.
Blood Coagulation & Fibrinolysis 1997 Jun; 8(4):209.

Application: ELISA, Mouse, Plasma

- [Soluble circulating cell adhesion molecules in haemolytic uraemic syndrome.](#)

Inward CD, Pall AA, Adu D, Milford DV, Taylor CM.
Pediatric Nephrology (Berlin, Germany) 1995 Oct; 9(5):574.

Application: Quant, Human, Human plasma

- [The interaction between collagens and factor VIII/von Willebrand factor: investigation of the structural requirements for interaction.](#)

Morton LF, Griffin B, Pepper DS, Barnes MJ.

Thrombosis Research 1983 Dec; 32(6):545.

Application: Quant, Purified proteins

Pathway

- [Complement and coagulation cascades](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Cushing Syndrome](#)

- [Death](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Heart Diseases](#)
- [Hemophilia A](#)
- [Hemorrhage](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)

- [Psychotic Disorders](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Thyroid Neoplasms](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [von Willebrand Disease](#)
- [von Willebrand Diseases](#)