

# Product Datasheet

## Human Von Willebrand Factor ELISA Kit (Colorimetric) KA0512

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

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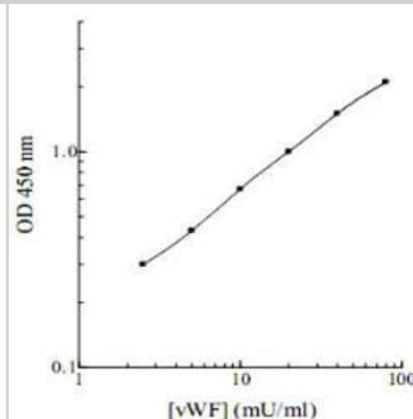
**KA0512****Human Von Willebrand Factor ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	VWF (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human VWF.
<b>Gene ID</b>	7450
<b>Gene Symbol</b>	VWF
<b>Species</b>	Human
<b>Kit Components</b>	Human VWF Microplate: A 96-well polystyrene microplate coated with a monoclonal antibody against VWF., Sealing Tapes: Precut, pressure sensitive sealing tapes that can be cut to fit the format of the individual assay., Human VWF Standard: Human VWF in a buffered protein base (lyophilized), calibrated against WHO 1st International Standard., Biotinylated Human VWF Antibody (50x): A 50-fold concentrated biotinylated polyclonal antibody against VWF., MIX Diluent Concentrate (10x): A 10-fold concentrated buffered protein base., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant., Streptavidin-Peroxidase Conjugate (SP Conjugate): A 100-fold concentrate, Chromogen Substrate: A ready-to-use stabilized peroxidase chromogen substrate tetramethylbenzidine., Stop Solution: A 0.5 N hydrochloric acid to stop the chromogen substrate reaction.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.625 to 40 mIU/mL
<b>Sensitivity</b>	0.38 mIU/mL
<b>Inter Assay</b>	CV% < 7.0%
<b>Intra Assay</b>	CV% < 5.0%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	86-117%
<b>Suitable Sample Type</b>	Cell Culture Samples, Plasma, Serum
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification



## Images

ELISA: Human Von Willebrand Factor ELISA Kit (Colorimetric) [KA0512]  
 - Von Willebrand Factor ELISA Kit [KA0512] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.



## Publications

Jee A, Eun C, You J et al. Characterization of the von Willebrand factor/factor VIII complex produced by a novel purification process. Arch Pharm Res. 2020-07-14 [PMID: 32666302]

Pittet JL, Barbalat V, Sanvert M et al. Evaluation of a new automated ELISA test for von Willebrand factor using two monoclonal antibodies. Blood Coagul Fibrinolysis. 1997-06-01 [PMID: 9199817]

Inward CD, Pall AA, Adu D et al. Soluble circulating cell adhesion molecules in haemolytic uraemic syndrome. Pediatr Nephrol. 1995-10-01 [PMID: 8580013]

Morton LF, Griffin B, Pepper DS, Barnes MJ. The interaction between collagens and factor VIII/von Willebrand factor: investigation of the structural requirements for interaction. Thromb Res. 1983-12-15 [PMID: 6420928]

Schoner A, Tyrrell C, Wu M et al. Endocardial Endothelial Dysfunction Progressively Disrupts Initially Anti then Pro-Thrombotic Pathways in Heart Failure Mice. PLoS One. 2015-11-13 [PMID: 26565707]

Choi JS, Kwak KA, Park MJ et al. Ratio of angiopoietin-2 to angiopoietin-1 predicts mortality in acute lung injury induced by paraquat. Med Sci Monit. 2013-01-01 [PMID: 23302768] (Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to KA0512**

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NBP1-84761PEP	Von Willebrand Factor Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NB600-586-0.1ml	Von Willebrand Factor Antibody
DVE00	VEGF [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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