

## Rabbit Von Willebrand Factor ELISA Kit | Vwf elisa kit

Rabbit Von Willebrand Factor ELISA Kit

CATALOG #  
**AAA82615**

REACTIVITY  
**Rabbit**

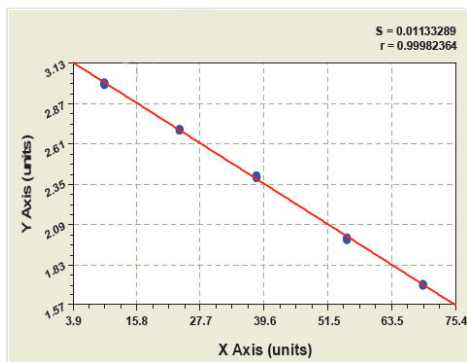
### PRODUCT SYNONYMS

Von Willebrand Factor; Rabbit Von Willebrand Factor ELISA Kit; Vwf elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Detection Range         | 50-1000ng/mL                                                                                                                                                                          |
| Sensitivity             | 1.0ng/mL                                                                                                                                                                              |
| Intended Uses           | This Vwf ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit Vwf. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Vwf elisa kit

**Principle of the Assay:** Vwf ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Vwf antibody and an Vwf-HRP conjugate. The assay sample and buffer are incubated together with Vwf-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Vwf concentration since Vwf from samples and Vwf-HRP conjugate compete for the anti-Vwf antibody binding site. Since the number of sites is limited, as more sites are occupied by Vwf from the sample, fewer sites are left to bind Vwf-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Vwf concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 86129842                                                       |
| NCBI GeneID                      | 22371                                                          |
| Molecular Weight                 | 44,467 Da                                                      |
| NCBI Official Full Name          | VWF                                                            |
| NCBI Official Synonym Full Names | Von Willebrand factor homolog                                  |
| NCBI Official Symbol             | Vwf                                                            |
| NCBI Official Synonym Symbols    | VWD; F8VWF; AI551257; C630030D09; 6820430P06Rik; B130011O06Rik |
| NCBI Protein Information         | von Willebrand factor                                          |
| UniProt Protein Name             | von Willebrand factor                                          |
| UniProt Gene Name                | <b>Vwf</b>                                                     |
| UniProt Synonym Gene Names       | vWF                                                            |
| UniProt Entry Name               | VWF_MOUSE                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/vwf-rabbit-elisa-kits/von-willebrand-factor/82615>