

## Mouse Von Willebrand Factor ELISA Kit | vWF elisa kit

Mouse Von Willebrand Factor (vWF) ELISA Kit

|                              |                            |
|------------------------------|----------------------------|
| CATALOG #<br><b>AAA55586</b> | REACTIVITY<br><b>Mouse</b> |
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### PRODUCT SYNONYMS

Von Willebrand Factor; Mouse Von Willebrand Factor (vWF) ELISA Kit; vWF elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Mouse VWF. No significant cross-reactivity or interference between Mouse VWF and analogues was observed.                                                                                                                                                                                                              |
| Sequence Length         | 2813                                                                                                                                                                                                                                                                                                                                                                                             |
| Samples                 | Serum, Plasma, Other biological fluids                                                                                                                                                                                                                                                                                                                                                           |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                                                                                         |
| Sample Volume           | 1-200 uL                                                                                                                                                                                                                                                                                                                                                                                         |
| Precision               | Intra-assay Precision (Precision within an assay)<br>Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.<br>Inter-assay Precision (Precision between assays)<br>Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.<br>CV (%) = SD/meanX100<br>Intra-Assay: CV<br>Inter-Assay: CV |
| Detection Wavelength    | 450 nm                                                                                                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                           |

### ADDITIONAL INFORMATION

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|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for vWF elisa kit | Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate VWF in samples. An antibody specific for VWF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyVWF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VWF is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VWF bound in the initial step. The color development is stopped and the intensity of the color is measured. |
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### NCBI AND UNIPROT INFORMATION

|                           |                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">115511022</a>                                                                                                                           |
| NCBI GeneID               | <a href="#">22371</a>                                                                                                                               |
| NCBI Accession #          | <a href="#">NP_035838.3</a>                                                                                                                         |
| NCBI GenBank Nucleotide # | <a href="#">NM_011708.4</a>                                                                                                                         |
| UniProt Accession #       | <a href="#">Q8CIZ8</a> ; <a href="#">Q60863</a> ; <a href="#">Q6XUV6</a> ; <a href="#">Q8BIU9</a> ; <a href="#">Q8CGN0</a> ; <a href="#">Q9JK16</a> |

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

**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-mouse-elisa-kits/von-willebrand-factor/55586>