

## Sheep Von Willebrand Factor cleaving protease ELISA Kit | vWF-cp elisa kit

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CATALOG #  
**AAA16797**

REACTIVITY  
**Sheep**

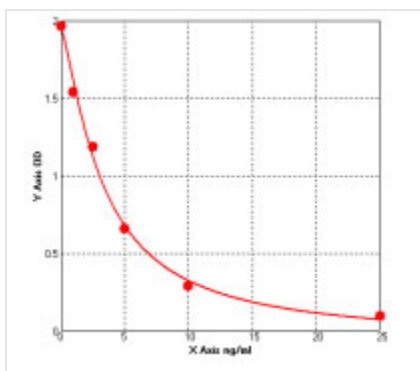
### PRODUCT SYNONYMS

Von Willebrand Factor cleaving protease; Sheep Von Willebrand Factor cleaving protease ELISA Kit; vWF-cp elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of vWFCP. No significant cross-reactivity or interference between vWFCP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between vWFCP and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

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|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for vWF-cp elisa kit | <p>Principle of the Assay: vWFCP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-vWFCP antibody and an vWFCP-HRP conjugate. The assay sample and buffer are incubated together with vWFCP-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 vWFCP concentration since vWFCP from samples and vWFCP-HRP conjugate compete for the anti-vWFCP antibody binding site. Since the number of sites is limited, as more sites are occupied by vWFCP from the sample, fewer sites are left to bind vWFCP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The vWFCP concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This vWFCP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep vWFCP. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
| Product Categories/Family for vWF-cp elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 73695936                                                                                                                                                                                                                         |
| NCBI GeneID                      | 11093                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_620596.2                                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_139027.4                                                                                                                                                                                                                      |
| Molecular Weight                 | 39,864 Da                                                                                                                                                                                                                        |
| NCBI Official Full Name          | A disintegrin and metalloproteinase with thrombospondin motifs 13 isoform 2 preproprotein                                                                                                                                        |
| NCBI Official Synonym Full Names | ADAM metalloproteinase with thrombospondin type 1 motif, 13                                                                                                                                                                      |
| NCBI Official Symbol             | ADAMTS13                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | VWFCP; C9orf8; vWF-CP; ADAM-TS13; ADAMTS-13                                                                                                                                                                                      |
| NCBI Protein Information         | A disintegrin and metalloproteinase with thrombospondin motifs 13; vWF-cleaving protease; von Willebrand factor-cleaving protease; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 13 |
| UniProt Protein Name             | A disintegrin and metalloproteinase with thrombospondin motifs 13                                                                                                                                                                |
| UniProt Gene Name                | <b>ADAMTS13</b>                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | C9orf8; UNQ6102/PRO20085; ADAM-TS 13; ADAM-TS13; ADAMTS-13; vWF-CP; vWF-cleaving protease                                                                                                                                        |
| UniProt Entry Name               | ATS13_HUMAN                                                                                                                                                                                                                      |

**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://stage.aaabiotech.com/vwf-cp-sheep-elisa-kits/von-willebrand-factor-cleaving-protease/16797>