

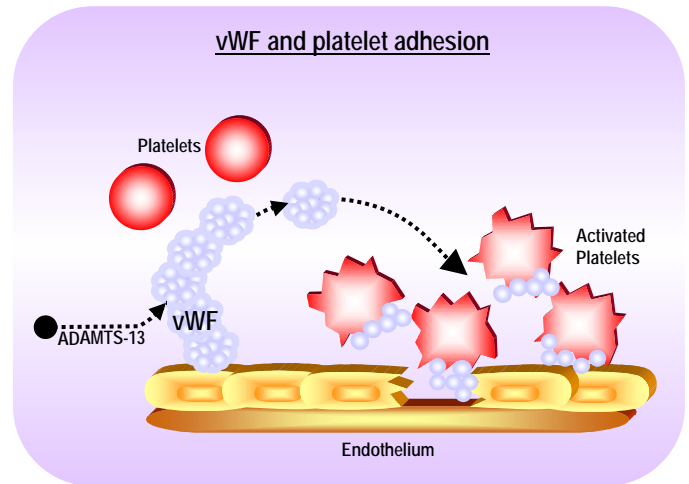
ZYMUTEST vWF

Enzyme Immuno Assay for measuring
Von Wilebrand Factor
Ref. ARK030A



vWF

- Plasma von Willebrand factor (vWF) is a high molecular weight (MW), multimeric glycoprotein (MW ranging from 1,000 to 20,000KD), composed of identical disulfide-linked subunits (of about 280KD), synthesized by endothelial cells and megakaryocytes. After a complex processing, the high molecular weight precursors of this molecule are cleaved by ADAMTS-13 and vWF is then released in blood circulation. It is present both in plasma and in platelets, as well as in endothelial cells and subendothelial matrix of the vessel wall.
- Especially the higher molecular forms mediate platelet adhesion to subendothelial connective tissue following vascular injury and support platelet aggregation to a lesser extent. vWF is also a carrier protein in plasma for FVIII:C, stabilizing its coagulant activity, and therefore playing a key role in the coagulation process.



- Measures the total von Willebrand Factor protein (antigenic assay)
- Insensitive to plasma storage conditions
- Results expressed in “%”
- Standardised by reference to NIBSC International Standard
- High sensitivity and specificity
- Assay range from 0 to 150% on plasma

Form AH28
4-2007

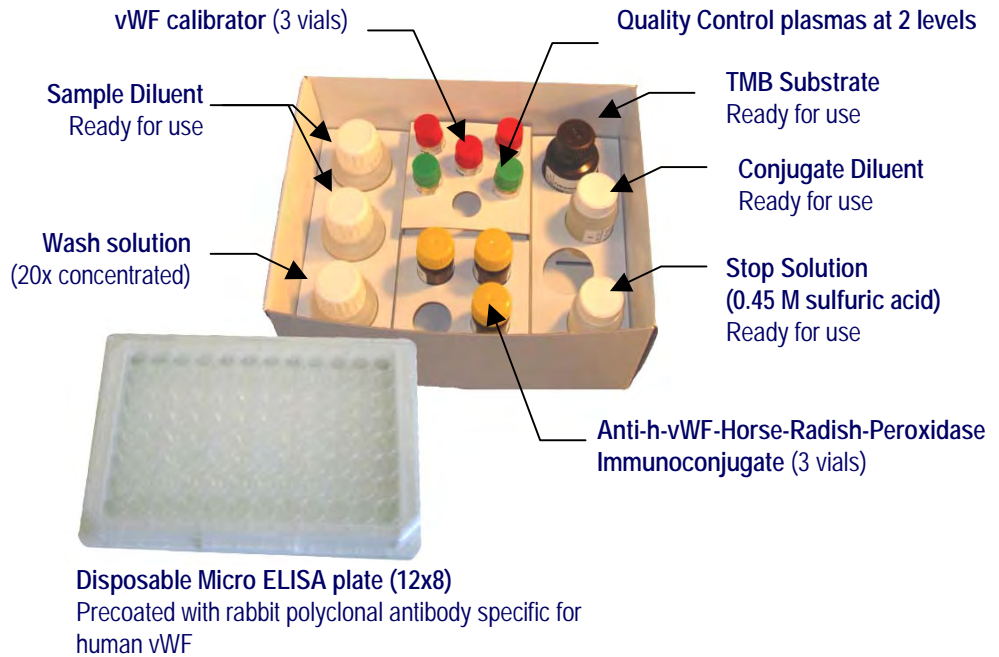
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Enzyme immunoassays for the exploration of plasma factors

ZYMUTEST vWF (Ref. ARK030A)



Kit presentation



Two site ELISA

Two level quality Controls included

Ready to use, complete and disposable kit

For in vitro diagnostic use (CE)

Expressed in %

Standardisation with the NIBSC standard

Assay characteristics

- Total assay time: 3h05 min
- Detection threshold: $\leq 5\%$
- Dynamic range: 0 to $\approx 150\%$
- Intra-assay CV: 3 to 8%
- Inter-assay CV: 5 to 10%

Other related products

ZYMUTEST Factor V -ARK009A

ZYMUTEST Fibrinogen -ARK024A

ZYMUTEST B2GPI - ARK022A

ZYMUTEST Protein Z -ARK031A

ZYMUTEST Factor IX - ARK032A

ZYMUTEST Factor X -ARK033A

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