

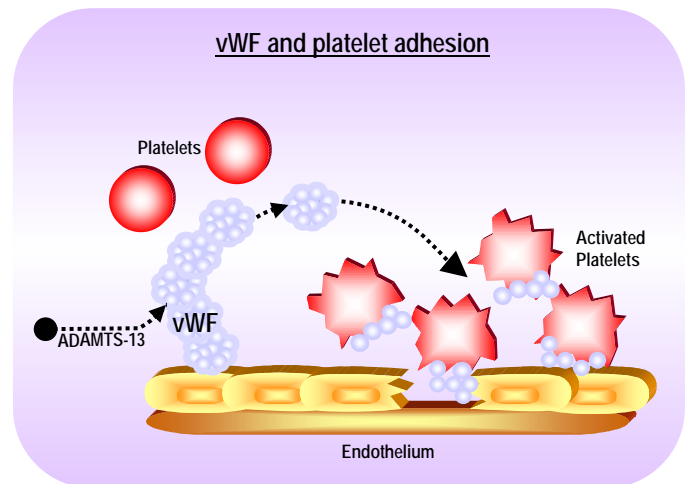
## ZYMUTEST vWF

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

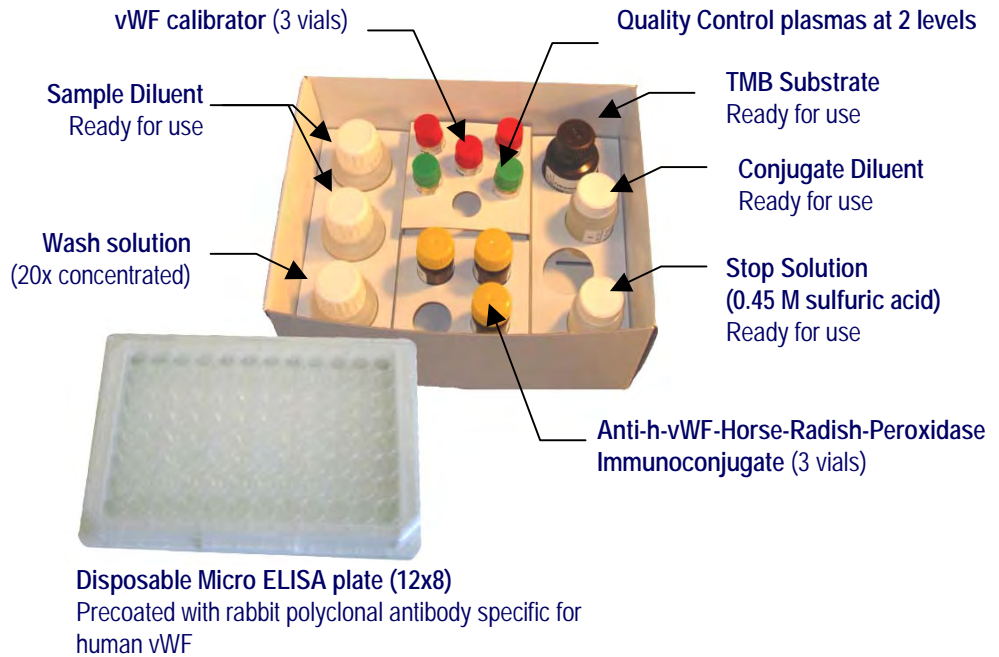
Apr 2006/REF 018

# 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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