NEW

HEMOSIL ACUSTAR VWF:CB

Simplifying VWD investigation

The *first* and *only* automated assay for the quantitative determination of VWF collagen–binding activity.

Chemiluminescent technology provides enhanced sensitivity with unmatched accuracy and precision

Cartridge-based, ready-to-use, pre-calibrated assay for unparalleled simplicity



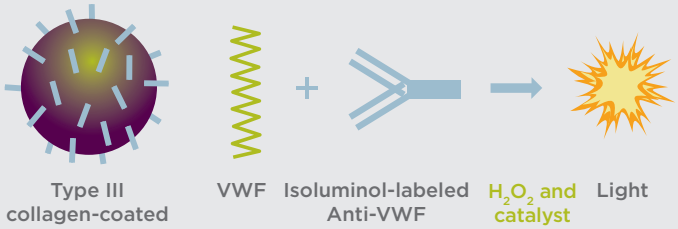
Automated VWF:CB testing solution

- Broad linear working range detects extremely low levels of VWF activity
  - 0.5–1,347.0% with rerun
- Extended 5-week onboard stability enables analysis 24 hours/day, 7 days/week
- Enhanced sensitivity for High Molecular Weight Multimers (HMWM) and intact VWF collagen-binding site
- Aids in the differentiation of specific VWD subtypes

Type III collagen provides the best sensitivity to HMWM and an intact VWF collagen-binding site[1,2]

Assay principle

Type III collagen-coated magnetic particles bind to the VWF present in the sample. The magnetic particles are incubated with an isoluminol-labeled anti-VWF polyclonal antibody. When H_2O_2 and a catalyst are introduced, light is emitted proportionate to VWF collagen-binding activity.





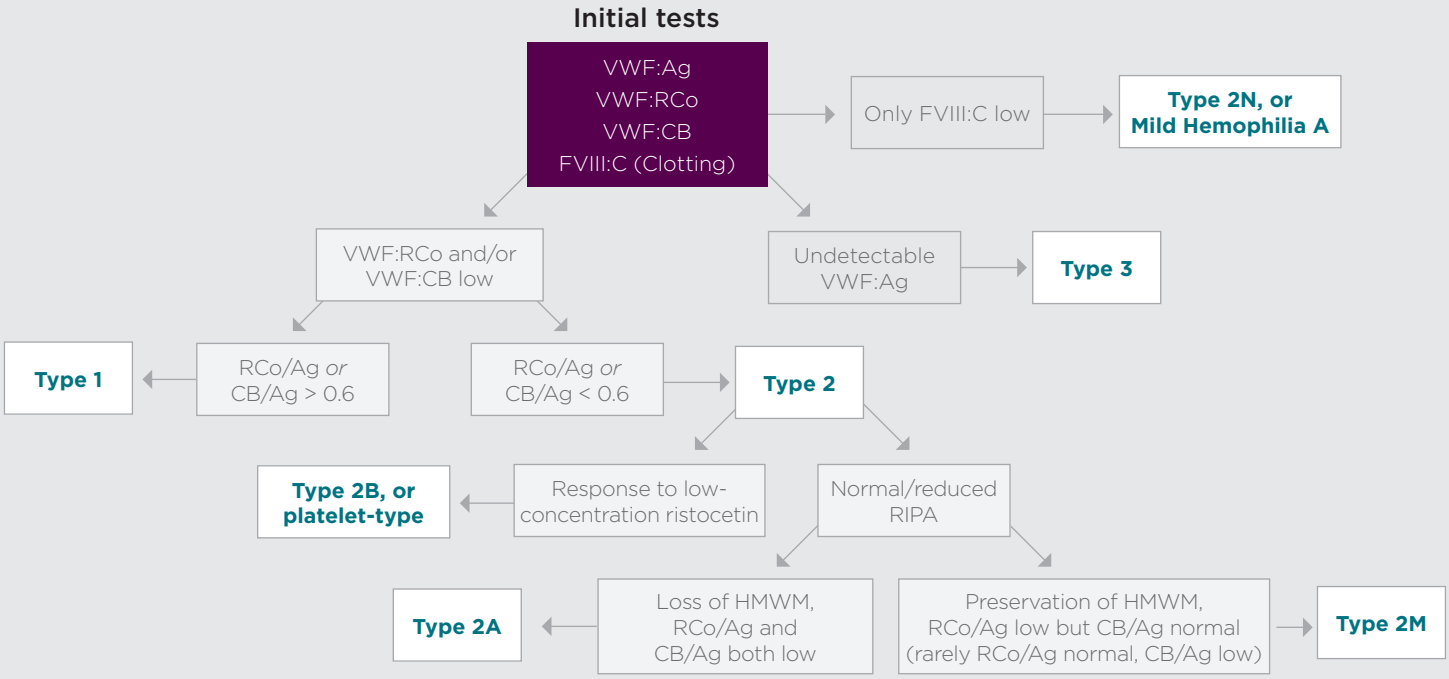
ACL AcuStar Hemostasis Testing System

FOR USE ON THE ACL AcuStar HEMOSTASIS TESTING SYSTEM

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For complete automated VWD investigation

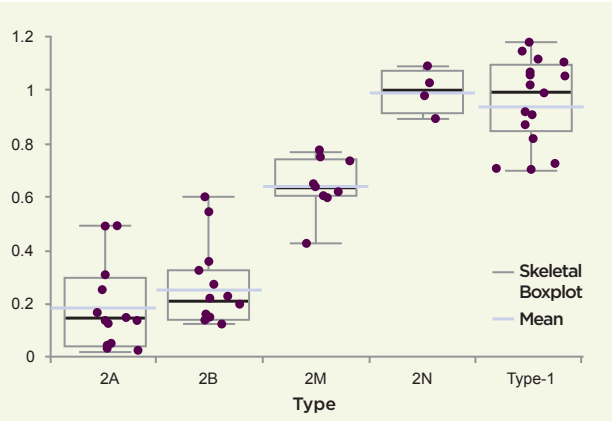
HemosIL AcuStar VWD panel and HemosIL VWD latex assays offer the only automated solution for all recommended primary VWD investigational assays.[1]



Excellent differentiation between VWD types[3]

HemosIL AcuStar VWF:CB/VWF:Ag Ratio

VWD Type	n	<0.6	0.5–0.6	>0.6
1	16	0	0	16
2A	15	15	0	0
2B	14	12	2	0
2M	9	1	0	8
2N	4	0	0	4
Total	**58**	**N/A**	**N/A**	**N/A**



Kit composition

Product	Part Number	Kit Configuration
HemosIL AcuStar VWF:CB*	0009802044	Cartridge (25 tests) x 1 Calibrator 1, 1 x 1 mL (liq) Calibrator 2, 1 x 1 mL (lyo) Cal 2 Plastic Barcoded Tube x 1
HemosIL AcuStar VWF Controls*	0009802119	Low VWF Control 3 x 1 mL (lyo) Normal VWF Control 3 x 1 mL (lyo)

*Not available in all countries.

References

1. Laffan, MA, *et al.* The diagnosis and management of von Willebrand disease: a United Kingdom Hemophilia Center Doctor's Organization guideline approved by the British Committee for Standards in Haematology. *Brit J Haematol.* 2014;167:453–65.
2. Favaloro, EJ. Collagen binding assay for von Willebrand factor (VWF:CBA): detection of von Willebrand disease (VWD), and discrimination of VWD subtypes, depends on collagen source. *Thromb. Haemost.* 2000;83:127–35.
3. Data on file, IL.

Additional Literature

Favaloro EJ, Mohammed S. Evaluation of a von Willebrand factor three test panel and chemiluminescent-based assay system for identification of, and therapy monitoring in, von Willebrand disease. *Thromb Res.* 2016;141:202–11.

For more information, contact your local Werfen sales representative or distributor.

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