VWF levels are affected by ABO blood group, pregnancy, oral contraceptive use, hormone replacement therapy, and menstrual cycle phase. Testing menstruating women on cycle days 1-4, when VWF levels are lowest, may help identify borderline VWD cases. Because VWF and factor VIII are acute-phase reactants, avoid testing during infection or injury. Type 1 VWD may be difficult to identify because of mild disease symptoms, variable genetic penetrance and expression, and VWF levels that overlap with the broad range of normal VWF levels.

This figure was developed by Quest Diagnostics based on reference 13. It is provided for informational purposes only and is not intended as medical advice. A physician's test selection and interpretation, diagnosis, and patient management decisions should be based on his/her education, clinical expertise, and assessment of the patient.

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