

## **Laboratory Workup of the Patient with WM**

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Laboratory tests for WM consist of a complete blood count (CBC) which includes hemoglobin, hematocrit, leukocyte count with differential and platelets. The serum creatinine and blood sugar should also be determined. Also, serum protein electrophoresis with quantitation of immunoglobulins (IgG, IgA, IgM), immunofixation, serum free light chains and a test for cryoglobulins. Serum viscosity should also be measured if the patient has a large M spike or symptoms suggestive of increased serum viscosity. A 24-hour urine collection should be done. Electrophoresis and immunofixation of a concentrated urine is essential. A bone marrow aspirate and biopsy is needed.