

## ***FBN1*, TIERED GENE SEQUENCE #89312**

**EXPLANATION:** This tiered gene test detects the mutations in the *FBN1* Gene in a two-step process, which has additional cost and turnaround time associated with it, as compared to the Full Gene test #89308. The final result gathered from both testing is identical. Therefore, Mayo Medical Laboratories will obsolete this tiered test and continue to offer the full gene test.

**RECOMMENDED ALTERNATIVE TEST:** #89308: *FBN1*, Full Gene Sequence

**PROFILE INFORMATION:**

Unit Code	Reporting Name	Available Separately	Always Performed
29297	<i>FBN1</i> , Full Gene Sequence	No	Yes
89289	<i>FBN1</i> , Full Gene Sequencing	No	Yes

**ADDITIONAL TESTS:**

Unit Code	Reporting Name	Available Separately	Always Performed
81769	Rapid DNA Extraction	No	Yes

**TESTING ALGORITHM:**

When this test is ordered, a DNA extraction will always be performed at an additional charge.

**METHOD NAME:** Polymerase Chain Reaction (PCR) Followed by DNA Sequence Analysis

**SPECIMEN REQUIRED:** "*FBN1* Gene Testing Patient Information Sheet" (Supply T636) **must be submitted with the specimen.** See Special Instructions in the on-line test catalog for a copy of the form.

Draw blood in a lavender-top (EDTA) tube(s), and send 3 mL of EDTA whole blood in original VACUTAINER(S).

- NOTE:**
1. Include physician name and phone number with the specimen.
  2. Bone marrow transplants will interfere with testing. For bone marrow transplant patients, buccal cells from the **recipient** should be provided to obtain an accurate genotype.
  3. Transfusions will interfere with testing for up to 4 to 6 weeks. DNA obtained from white cells may not provide useful information for patients who received a recent transfusion of blood that was not leukocyte-reduced. Wait 4 to 6 weeks until transfused cells have left the patient's circulation before drawing the patient's blood specimen for genotype testing.
  4. An "Informed Consent for DNA Testing" (Supply T576) is available. See Special Instructions in the on-line test catalog for a copy of the form.