

***Medical Genetics***  
**Wake Forest University School of Medicine**  
**Winston Salem NC**  
Phone: 336-716-4321 Fax: 336-716-2554

**Test: Hematologic DNA Analysis - Blood / Bone Marrow**  
*Molecular Genetic Testing*

**Purpose of Test:** To identify specific DNA anomalies that are specifically associated with a genetic defect and/or clinical syndrome.

**Specimen Required:** Please provide indications for testing on our referral form with each specimen. Label each sample with the individual's full name. Accurate testing and interpretation may otherwise be compromised. Include the appropriate requisition form and billing instructions

**SUBMIT 1 OF THE FOLLOWING SPECIMENS:**

**Blood**

- Draw 2 lavender-top (EDTA) tubes or 2 yellow-top (ACD) tubes of whole blood (10 mL) and send in the original VACUTAINERS.
- Invert several times to mix blood.
- Forward unprocessed whole blood promptly at ambient temperature.

**Bone Marrow**

- Place 2.0 mL of bone marrow in a lavender-top (EDTA) tube(s) and send in the original VACUTAINER(S).
- Invert several times to mix bone marrow.
- Forward unprocessed bone marrow promptly at ambient temperature.

**Average Turn around Time** 1-2 weeks from receipt of specimen is typical.

**CPT Code Information:**

83891	DNA extract-purify
83892	Enzyme digestion
83894x2	Electrophoresis
83896	Nucleic acid probe, each
83897	Nucleic acid transfer
83898	Amplification of nucleic acid, each primer pair
83912	Interpretation and report