

**Medical Genetics**  
**Wake Forest University School of Medicine**  
**Winston Salem NC**

Phone: 336-716-4321 Fax: 336-716-2554

**Test: Hematologic Disorders Peripheral Blood, unstimulated Chromosome Analysis**

**Purpose of Test:** To identify any acquired chromosome anomalies associate with leukemia: i.e. CML, Philadelphia chromosome.

**Required Information:** Please provide indications for testing on our referral form with each specimen. Accurate testing and interpretation may otherwise be compromised.

**Blood**

- Swab area with alcohol and let dry. **Do not swab with Betadine.**
- Draw 7-10 mL (pediatric: 2-5 mL) peripheral blood into a green-top (sodium heparin) collection tube.
- Invert collection tube several times to mix blood.
- Label vial with patient's name.
- Clotted blood is not acceptable for analysis.
- Other anticoagulants are not recommended and are harmful to the viability of the cells.
- Note: A low percentage of blast cells in the peripheral blood will often led to culture failure.
- **SEND SPECIMEN PROMPTLY AT ROOM TEMPERATURE.**

**Adjunct Tests:** FISH specific per physician's request  
No additional specimen required.

**Turn Around Time:** 6-10 days – stats 24 hours

**CPT Code Information:**

88237	BM and neoplastic blood cell culture
88262	15-20 cells, 2 karyotypes, GTG
88280	Additional karyotypes, each study
88285	Additional cells counted, each study