

Medical Genetics
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Winston Salem NC

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TEST: HEMATOLOGIC DISORDERS BONE MARROW/BONE CORE CHROMOSOME ANALYSIS

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

Required Information: Please provide indications (ICD-9) for testing on our referral form with each specimen. Accurate testing and interpretation may otherwise be compromised.

Bone Marrow

- Aspirate 1-5 mLs of a first draw into a syringe coated with 200 units preservative free sodium heparin (provided by our lab).
- If more than 2 hr delay in delivery to our lab, add 5 mLs medium (provided by our lab).
- Label vial with patient's name.
- Clotted bone marrow is not acceptable for analysis.
- Other anticoagulants are not recommended and are harmful to the viability of the cells.

SEND SPECIMEN PROMPTLY AT ROOM TEMPERATURE.

Bone Core

- Place sample in a sterile collection tube containing 5 mLs medium (provided by our lab).
- Label tube with patient's name.
- Note: there is about a 25% chance that a bone core sample will not yield results.

SEND SPECIMEN PROMPTLY AT ROOM TEMPERATURE.

Adjunct Tests: FISH – No additional specimen required.

Turn Around Time: 6-10 days – stats 24 hr

CPT Code Information:

88237	BM tissue culture
88262	15-20 cells, 2 karyotypes, GTG
88280	Additional karyotypes, each study
88285	Additional cells counted, each study