



## LABORATORIES

201 Route 17 North, 2nd Floor  
Rutherford, New Jersey 07070  
**Phone:** 201.528.9187  
**Fax:** 201.933.0787

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### Handling of a Bone Marrow “Dry Tap”

CGI has a very high success rate with limited amounts of specimen submitted for flow cytometry and/or cytogenetic studies, with the same turnaround time as more cellular aspirate specimens.

The following specimen collection method can help our hemato-pathologists to reach a conclusive diagnosis on these types of specimens:

- 1. Collect 2 or more Bone Marrow Core biopsies**
  - a. Make 5-10 touch imprint slides from the biopsies**
    - For Cytology and Morphology.
      - Be sure to keep slides **AWAY FROM FORMALIN**
      - Do not place open formalin jar anywhere near slides as the formalin fumes may affect the quality of morphologic evaluation
      - Let all slides **AIR DRY COMPLETELY** before placing in the plastic container to prevent smudging
  - b. Place the 1st bone marrow core biopsy in a Formalin jar**
    - For Histology and IHC testing
  - c. Place the 2nd biopsy in RPMI media**
    - For Flow Cytometry and/or Cytogenetics testing
      - Store in refrigerator until shipped
  - d. Additional samples should be submitted for histology**
- 2. Collect a peripheral blood specimen in a Sodium Heparin or green top tube**
  - For possible Flow Cytometry and/or FISH testing, if indicated.
- 3. Collect a peripheral blood specimen in an EDTA or purple top tube**
  - For possible PCR testing, if indicated.
- 4. Indicate on REQUISITION that the specimen is a “DRY TAP”**
- 5. Place each specimen in the Biohazard bag before placing in kit**
- 6. Call 888-334-4988 or 201-528-9187 for a specimen pickup or contact your local account representative or client services if you have any questions.**

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**Cancer Genetics, Inc.**  
Meadows Office Complex  
201 Route 17 North, 2<sup>nd</sup> Floor  
Rutherford, NJ 07070

**Main Phone:** 201.528.9200  
**Lab Phone:** 201.528.9187  
**Toll Free:** 888.334.4988  
**Fax Line:** 201.933.0787

**Client Services Hours:**  
Monday-Friday: 8am-8pm EST  
Saturday: 8am-4pm EST  
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