



آغا خان یونیورسٹی ہسپتال

The Aga Khan University Hospital
Clinical Laboratories

Specimen Collection and Transportation Information

Test Name	Mnemonic	Section	Specimen Type
Bone Marrow	BM	Hematology	Bone Marrow

- **Preparation of the Patient:** Instruct the patient about the test procedure, purpose, benefits and risks according to the specified guidelines. Prepare puncture site as for surgical incision. The aspirate slides, aspirate specimen, and bone marrow biopsy and venous blood sample (EDTA) for complete blood count are collected.
- **Type of Collection Container:** Purple top (for CBC), Purple top (for Bone marrow)
- **Types and Amounts of Preservatives or Anticoagulants:** K2 EDTA 7.2 mg
- **Quantity of Specimen to be Collected:** 4ml (for blood), 1cc (for bone marrow)
 - **Minimum Quantity:** 2-3 ml (for blood), 0.5cc (for bone marrow)
- **Transportation Temperature:** 18 –25 °C for 8 hours, 2 – 8 °C after 8 hours
- **Need for Special Timing for Collection (where applicable):** NA
- **Specimen Stability Information:** : 8 hours at room temperature (18 –25 °C)
- **Special Instruction:**
 - a) Medical officer will be responsible to perform this test
 - b) Prepare minimum 10 slides immediately
 - c) Patient history form
 - d) Consent form (optional)
 - e) Previous BM slides in case of post chemotherapy follow up marrow
 - f) Previous reports
- **Rejection Criteria:**
 - a) Unlabeled or mislabeled
 - b) Identification mismatched between specimen and requisition slip.
 - c) Hemolysis ,clotted blood sample
 - d) Improper collection container i.e., leakage or broken sample tube or container
 - e) Improper preservative, or improper anticoagulant or medium in container.
 - f) Incomplete test requisition slip (i.e., required test information not present)
 - g) Blood specimen volume inadequate (QNS) for analysis
 - h) Specimen is from unacceptable source or wrong sample type



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- i) Wrong or inappropriate source given for testing
 - j) Excessive delay in specimen transport or improperly transported (i.e., not on required temperature)
 - k) Specimen contaminated with biological hazardous material
- **Need for Appropriate Clinical Data, When Indicated (Patient history):** Consent form, Bone marrow procedure form, Time out form

Methodology	Reporting Scheme	Day Performed	Cut Off Time Main Lab	Cut Off Time Karachi Points	Cut Off Time Out of Karachi Points
Manual Staining/Microscopy	Mon to Fri after 3 working days	Mon to Fri	0:01	0:01	Contact nearest Collection Point