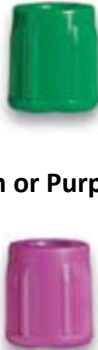





Requirements for Bone Marrow Biopsies	Collection Tube	Directions	Usage, Specimen Requirements, Transport and Turn Around Time
Flow Cytometry	 <p>Green or Purple Top</p>	Flow cytometry may be marked on the bone marrow requisition. When in doubt, please call the laboratory at 888-261-2671 for assistance.	Flow Cytometry can be used for a variety of test which includes immunophenotyping of cells used for the diagnosis of leukemia/lymphoma. Specimen Requirements: 1-2 ml. Transport: Refrigerate with cold pack. TAT: 24-48 hrs.
Clot Section	 <p>Red Top</p>	When feasible, please collect aspirate in Red Top for bone marrow clot section.	Transport: Refrigerate.
Cytogenetics (Standard karyotype) & FISH	 <p>Green Top</p>	Cytogenetics may be marked on the bone marrow requisition. When in doubt, please call the laboratory at 888-261-2671 for assistance. Karyotype and FISH can be performed from the same sample, so only one tube is required when both tests are needed on a single specimen. FISH can be added on within 4 days after specimen collection, if the need arises.	Cytogenetics: are performed to analyze the number of chromosomes of cells. The findings are helpful in facilitating diagnosis and susceptibility to treatment for many types of hematological and other malignancies. <i>Specimen Requirements:</i> 1-2 ml. <i>Transport:</i> Refrigerate. TAT: 1 week FISH: (Fluorescence in situ hybridization) test are performed to aid in the detection of chromosome abnormalities that are below the level of resolution of conventional cytogenetics. <i>Specimen Requirements:</i> 1-2 ml. <i>Transport:</i> Refrigerate. TAT: 3-5 Weeks.
PCR (Polymerase chain Reaction)	 <p>Purple Top</p>	If PCR is needed, please collect aspirate sample in a separate Purple Top tube. The desired test(s) may be written in on the bone marrow requisition.	<i>PCR used to look for mutations and translocations (gene changes) beyond sensitivity of FISH</i> Transport: Refrigerate. TAT: 1-2 Weeks.
Peripheral Smear & CBC		Please include these with each bone marrow.	