


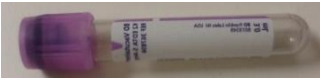






ATL Quick Reference

Flow Cytometry Specimen Requirements:

Specimen Type	Container	Test to order	Specimen Storage
Tissue, Lymph Node, FNA or biopsy	Hanks Salt Solution  available from Flow Cytometry	Leukemia/Lymphoma/Myeloma Panel by Flow Cytometry	Refrigerate
CSF and Body Fluids	Sterile Container 	Leukemia/Lymphoma/Myeloma Panel by Flow Cytometry— refer to lab catalog for minimum volumes	Refrigerate
Blood or Bone Marrow	Sodium Heparin (green top) 	Leukemia/Lymphoma/Myeloma Panel by Flow Cytometry— refer to lab catalog for minimum volumes	Room temp
Peripheral Blood	Lavender top (EDTA) 	Various tests: ALPS, SCID, T Cell Subsets, Lymphocyte Subsets, HLA-B27 Screen, CD20 and CD19, PNH, Cell Sort, CD4 Percent and Cell Count— refer to lab catalog for minimum volumes	Room temp
Peripheral Blood	Lavender top (EDTA) 	Fetal Cells by Flow Cytometry— refer to lab catalog for minimum volumes	Refrigerate


Call Lab Central (x66233) or Flow Cytometry Lab (x66273) with any questions

Molecular Diagnostics Specimen Requirements



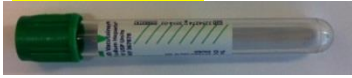
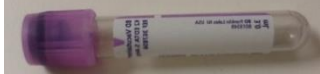


Specimen Type	Container	Test(s) to order	Specimen Storage
Tissue or biopsy	10% Formalin 	<ul style="list-style-type: none"> Tissue Pathology & Lung Cancer Panel Mutation Analysis; Tissue Pathology & Cancer Hotspot Analysis 	Room Temp
FNA	Make 2 slides – remainder in Cytolyt solution	FNA Cytology & Lung Cancer Panel Mutation Analysis	Room Temp
CSF and Body Fluids	Sterile Container 	HSV 1/2 PCR— 0.5mL min. vol. ; other tests— refer to lab catalog	Refrigerate
Blood or Bone Marrow	Lavender top (EDTA)  6mL-adults 3mL-peds	Various tests – refer to lab catalog for minimum volumes	Room Temp

Call Lab Central (x66233) or Molecular Diagnostics Lab (x66280) with any questions

Cytogenetics Specimen Requirements

Specimen Type	Container	Test to order	
Chromosome analysis on Tissue, Lymph Node, FNA or biopsy	Cytogenetics transport media  available from Cytogenetics	Cytogenetics Hematologic or Neoplastic Study (926)	Room Temp

ATL Quick Reference

FISH analysis on Tissue, Lymph Node, FNA or biopsy	10% Formalin 	Tissue Pathology (indicate desired FISH testing on order)	Room Temp
Bone Marrow (Chromosomes & FISH)	Sodium Heparin (green top) 	Chromosomes -Cytogenetics Hematologic or Neoplastic Study (926) FISH - Large test menu (consult Lab Catalog) – refer to lab catalog for minimum volumes	Room Temp
Peripheral Blood (Chromosomes & FISH)	Sodium Heparin (green top) 	Chromosomes -Constitutional Study(Routine, Prenatal, Mosaic, High Resolution) -refer to lab catalog for minimum volumes	Room Temp
Microarray(aCGH)	Lavender top (EDTA)  Sodium Heparin (green top) 	Chromosomal Microarray -(aCGH and confirmatory FISH) refer to lab catalog for minimum volumes	Room Temp
CVS (Chorionic Villus)	Cytogenetics transport media  available from Cytogenetics	Chromosomes -Constitutional Prenatal (922) FISH -POC aneuploidy screen(XY,13,16,18,21)(995) refer to lab catalog for minimum volumes	Room Temp
Amniotic fluid	2 Sterile screw-capped transport tubes	Chromosomes -Constitutional Prenatal (922) FISH -Prenatal aneuploidy screen(XY,13,18,21)(991) refer to lab catalog for minimum volumes	Room Temp

Call Lab Central (x66233) or Cytogenetics Lab (x66279) with any questions