


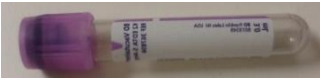






## ATL Quick Reference

### 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— <b>refer to lab catalog for minimum volumes</b>	Refrigerate
Blood or Bone Marrow	<b>Sodium Heparin</b> (green top) 	Leukemia/Lymphoma/Myeloma Panel by Flow Cytometry— <b>refer to lab catalog for minimum volumes</b>	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— <b>refer to lab catalog for minimum volumes</b>	Room temp
Peripheral Blood	Lavender top (EDTA) 	Fetal Cells by Flow Cytometry— <b>refer to lab catalog for minimum volumes</b>	Refrigerate


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

### Molecular Diagnostics Specimen Requirements




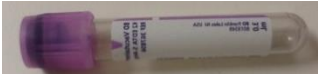

Specimen Type	Container	Test(s) to order	Specimen Storage
Tissue or biopsy	10% Formalin 	<ul style="list-style-type: none"> <li>Tissue Pathology &amp; Lung Cancer Panel Mutation Analysis;</li> <li>Tissue Pathology &amp; Cancer Hotspot Analysis</li> </ul>	Room Temp
FNA	Make 2 slides – remainder in Cytolyt solution	FNA Cytology & Lung Cancer Panel Mutation Analysis	Room Temp
CSF and Body Fluids	Sterile Container 	HSV 1/2 PCR— <b>0.5mL min. vol.</b> ; other tests— <b>refer to lab catalog</b>	Refrigerate
Blood or Bone Marrow	Lavender top (EDTA)  6mL-adults 3mL-peds	Various tests – <b>refer to lab catalog for minimum volumes</b>	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	<b>Cytogenetics</b> transport media  available from Cytogenetics	Cytogenetics Hematologic or Neoplastic Study (926)	Room Temp

## ATL Quick Reference

<b>FISH analysis</b> on Tissue, Lymph Node, FNA or biopsy	10% Formalin 	Tissue Pathology (indicate desired FISH testing on order)	Room Temp
Bone Marrow <b>(Chromosomes &amp; FISH)</b>	<b>Sodium Heparin</b> (green top) 	<b>Chromosomes</b> -Cytogenetics Hematologic or Neoplastic Study (926) <b>FISH</b> - Large test menu (consult Lab Catalog) – refer to lab catalog for minimum volumes	Room Temp
Peripheral Blood (Chromosomes & FISH)	<b>Sodium Heparin</b> (green top) 	<b>Chromosomes</b> -Constitutional Study(Routine, Prenatal, Mosaic, High Resolution) -refer to lab catalog for minimum volumes	Room Temp
Microarray(aCGH)	Lavender top (EDTA) 	<b>Chromosomal Microarray</b> -(aCGH and confirmatory FISH) refer to lab catalog for minimum volumes	Room Temp
CVS (Chorionic Villus)	<b>Cytogenetics</b> transport media  available from Cytogenetics	<b>Chromosomes</b> -Constitutional Prenatal (922) <b>FISH</b> -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	<b>Chromosomes</b> -Constitutional Prenatal (922) <b>FISH</b> -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