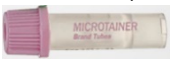


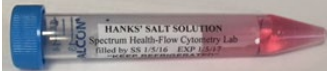
ATL Specimen Requirements Quick Reference

For help, call 616-486-62__ : Lab Central 33 ; Flow Cytometry 73 ; Molecular Diagnostics 80 ; Cytogenetics 79

Molecular Diagnostics *(*Refer to Lab Catalog for minimum volumes and available tests)*

Specimen Type	Container	Test(s) to order	Specimen Storage
- Biopsy - Tissue	10% Formalin 	Tissue Pathology	Room Temp
FNA	Make 2 slides (remainder in Cytolyt solution)	FNA Cytology	Room Temp
- Body Fluid - CSF	Sterile Container  or 	Various tests*	Refrigerate
- Bone Marrow - Peripheral Blood	Lavender top (EDTA) 6mL-adults 3mL-peds 	Various tests*	Room Temp
Peripheral Blood	EDTA Microtainer (need 3 full) 	Various tests*	Room Temp

Flow Cytometry *(*Refer to Lab Catalog for minimum volumes)*

Specimen Type	Container	Test(s) to order	Specimen Storage
- Biopsy - Bone Core - FNA - Lymph Node - Tissue	Hanks Salt Solution (available from Flow Cytometry) 	Leukemia/Lymphoma/Myeloma Panel by Flow Cytometry	Refrigerate
- Body Fluid - CSF	Sterile Container  or 	Leukemia/Lymphoma/Myeloma Panel by Flow Cytometry*	Refrigerate
- Bone Marrow NaHep Preferred, EDTA Acceptable - Blood (any) EDTA Preferred, NaHep Acceptable	Sodium Heparin (green top) 	- B-ALL MRD, Bone Marrow* - B-ALL MRD Blood* - Leukemia/Lymphoma/Myeloma Panel by Flow Cytometry*	Room temp
Peripheral Blood	Lavender top (EDTA) 	- ALPS* - SCID* - OB* - PNH* - CD4 Percent* - Cell Sort* - T Cell Subsets* - Lymphocyte Subsets* - HLA-B27 Screen* - CD20 and CD19*	Room temp
Peripheral Blood	Lavender top (EDTA) 	Fetal Cells by Flow Cytometry*	Refrigerate

ATL Specimen Requirements Quick Reference

For help, call 616-486-62__ : Lab Central 33 ; Flow Cytometry 73 ; Molecular Diagnostics 80 ; Cytogenetics 79

Cytogenetics (*Refer to Lab Catalog for minimum volumes and available tests)

Specimen Type	Container	Test to order	Specimen Storage
- Tissue - Lymph Node - FNA - Biopsy	Cytogenetics transport media (available from Cytogenetics) 	Chromosome Analysis Hematologic or Neoplastic Study	Room Temp
- Tissue - Lymph Node - FNA - Biopsy	10% Formalin 	FISH Analysis Tissue Pathology (indicate desired FISH testing on order)	Room Temp
Bone Marrow	Sodium Heparin (green top) 	Chromosome Analysis - Hematologic or Neoplastic Study* FISH Analysis - Various Tests*	Room Temp
Peripheral Blood	Sodium Heparin (green top) 	Chromosome Analysis - Constitutional Study (Routine, Prenatal, Mosaic, High Resolution)* FISH Analysis - Various Tests*	Room Temp
Peripheral Blood	Lavender top (EDTA) 	Chromosome Analysis - Chromosomal Microarray (aCGH)* FISH Analysis - Confirmatory FISH for Microarray*	Room Temp
Chorionic Villus (CVS)	Cytogenetics transport media (available from Cytogenetics) 	Chromosome Analysis - Constitutional Prenatal* FISH Analysis - POC aneuploidy screen (XY,13,16,18, 21)*	Room Temp
Amniotic Fluid	2 Sterile screw-capped conical transport tubes	Chromosome Analysis - Constitutional Prenatal* FISH Analysis - Prenatal aneuploidy screen (XY,13,18, 21)*	Room Temp