

SPECIMEN REQUIREMENTS

(Ship specimens with refrigerated cold packs)

Flow Cytometry	Peripheral Blood	3 ml sodium heparin (green top) - preferred or 3 ml in EDTA (purple top)	
	Bone Marrow Aspirate	1-2 ml in sodium heparin (green top) - preferred or 1-2 ml in EDTA (purple top)	
	Fresh Tissue	Multiple 2-3 mm pieces of tissue in RPMI transport media (optimum RPMI to tissue ratio is 15:1).	
	Body Fluids	Mix 1:1 in RPMI transport media	
	PNH Profile	3 ml peripheral blood in EDTA (purple top) preferred, should be processed within 24 hours.	
Cytogenetics	Peripheral Blood	5ml in sodium heparin (green top)	
	Bone Marrow Aspirate	2-3 ml in sodium heparin (green top)	
	Cord Blood	2-5 ml in sodium heparin (green top)	
	Fresh Tissue	Multiple 2-3 mm pieces of tissue in RPMI transport media (optimum RPMI to tissue ratio is 15:1).	
FISH	Peripheral Blood	3 ml in sodium heparin (green top) - preferred or 3 ml in EDTA (purple top)	
	Bone Marrow Aspirate	2-3 ml in sodium heparin (green top) - preferred or 3 ml in EDTA (purple top)	
	Fresh Tissue	Multiple 2-3 mm pieces of tissue in RPMI transport media (optimum RPMI to tissue ratio is 15:1: multiple vials are acceptable)	
	Voided Urine or Bladder	Minimum of 33 ml voided urine or bladder washing mixed 2:1 with preservative.	
	Formalin-Fixed Paraffin-Embedded Tissue		
	FISH TESTING ON PARAFFIN-EMBEDDED TISSUE FOR GENE LOSS OR GAIN IN HEMATOLYMPHOID NEOPLASIA REQUIRES		
	HER2 (C•FISH, Tech-Only)	3 unstained positively charged slides and 1 marked H&E slide (all at 4-5 microns) MUST CIRCLE AREA OF INTEREST ON H&E SLIDE	
	1 paraffin block with 1 marked H&E slide MUST CIRCLE AREA OF INTEREST ON H&E SLIDE		
PCR	Peripheral Blood	5 ml in EDTA (purple top) - preferred; ACD (yellow top) acceptable	
	Bone Marrow Aspirate	1-2 ml in EDTA (purple top) - preferred; sodium heparin (green top) and ACD (yellow top) acceptable	
	Fresh Tissue	Minimum of 250 mg tissue in RPMI transport media	
	Formalin-Fixed Paraffin-Embedded Tissue		
IHC	1 H&E slide with its corresponding paraffin block (10% neutral buffered formalin) - preferred		