



## HematoLogics Specimen Requirements

Specimen Type	Multi-Dimensional Flow Cytometry	Molecular Studies	Cytogenetics	FISH	RQ-PCR/NexGen Sequencing/Microarray
<b>Peripheral Blood</b>	3 mL in a Na Heparin green top	2 mL in EDTA purple top (preferred) or Na Heparin green top	3 mL in a Na Heparin green top	3 mL in a Na Heparin green top	2 mL in EDTA purple top (preferred) or Na Heparin green top
<b>Bone Marrow Aspirate</b>	2mL in a Na Heparin green top	1 mL in EDTA purple top (preferred) or Na Heparin green top	1 mL in a Na Heparin green top	1 mL in a Na Heparin green top	2 mL in EDTA purple top (preferred) or Na Heparin green top
<b>Bone Marrow # "</b>	# kHU @	Same	o	Same	Same
<b>Apheresis (PBSC)</b>	Minimum of 1mL in Na Heparin Green top tube. A -80°C PBSC aliquot on dry ice may be submitted.	Same	Not Available	Same	Same
<b>Tissue</b>	Fresh tissue completely submerged in a culture media such as RPMI-1640.	Same	Lymph node only	Same	Same
<b>Effusions</b>	10 units of preservative free heparin/mL. We recommend adding an equal amount of culture media such as RPMI-1640.	Same	Not Available	Same	Not Available
<b>Cerebrospinal Fluid (CSF)</b>	1-4 mL of non-traumatized CSF in a sterile container. We recommend adding an equal amount of culture media such as RPMI-1640.	Same	Not Available	Same	Not Available
<b>Bronchioalveolar Lavage (BAL)</b>	20-50 mL of irrigation fluid. We recommend adding an equal amount of culture media such as RPMI-1640.	Same	Not Available	Not Optimal	Not Available
<b>Paraffin Embedded Blocks</b>	Not Available	Submit block or paraffin shavings (5 cuts at 3 microns each).	Not Available	Marked H&E or block. 5 paraffin slides cut at 5 microns each (preferred) or paraffin block. See website or call for availability.	Not Available
<b>Extracted Nucleic Acid*</b>	Not Available	DNA: Ship/store at ambient temperature	Not Available	Not Available	RNA: Ship/store at -20°C. cDNA or DNA: Ship/store at ambient temperature.

\*Extracted nucleic acid must be isolated by a laboratory which meets CLIA or equivalent certification requirements as determined by the CAP and/or the CMS.

**All specimens, All testing:** Protect from extreme temperatures. Use appropriate cold or room temp packs to maintain stable transport temperatures.