

ACCEPTABLE SPECIMEN REQUIREMENTS FOR FLOW CYTOMETRIC TESTING

Test	Sample Type	Sample Age	Specimen Storage
Residual WBCs in RBCs 4404	1 mL of red blood cells (Absolutely NO EDTA)	≤48 hours	2°-8°C
Residual WBCs in PLTs 4403	1 mL of platelets (Absolutely NO EDTA)	≤48 hours	15°-30°C
CD34 Stem Cell Enumeration 2425, 2427, 2495 All samples require WBC	1 mL of Leukophoresis, with WBC	Best results ≤12 hours Maximum ≤36 hours	2°-8°C
	1 mL of Frozen Leukophoresis	Store frozen until testing	-65° to -85°C or LN2 vapor phase
	1 mL of Bone Marrow	Best results ≤12 hours Maximum ≤36 hours	15°-30°C
	1 mL of Frozen Bone Marrow	Store frozen until testing	-65° to -85°C or LN2 vapor phase
	1 mL of Cord Blood	≤48 hours old	2°-8°C
	1 mL of Frozen Cord Blood	Store frozen until testing	-65° to -85°C or LN2 vapor phase
	1 mL of Mobilized Peripheral Blood. ACD preferred, Heparin and EDTA are acceptable.	≤12 hours	15°-30°C
CD3/4/8 T-Cell Determination 2417, 2430 All samples require WBC	5 mL of ACD preferred. Heparin and EDTA are acceptable.	≤48 hours old	15°-30°C