

Cytogenetics Laboratory UT-Health Science Center	Specimen Requirements				Phone: (210) 567-4050 Fax: (210) 567-4041	
Study	Container	Preservative / Medium	Optimal Quantity	Minimum Quantity	Storage	Transportation
Amniotic Fluid	Sterile leak-proof tube	None	20-25 ml	10 ml	Room Temperature	Avoid freezing or heat above 35°C
Chorionic Villus Sample	Sterile leak-proof tube	Transport medium provided by lab.	25-30 mg	5 mg	Room Temperature	Avoid freezing or heat above 35°C
Peripheral Blood	Green top vacutainer	Sodium Heparin	4-5 ml	1-2 ml	Room Temperature	Avoid freezing or heat above 35°C
High Resolution Study (Blood Only)	Green top vacutainer	Sodium Heparin	4-5 ml	1-2 ml	Room Temperature	Avoid freezing or heat above 35°C
Mosaicism Counts	Requirements will depend upon the tissue being sent for mosaicism study. Select from the list above.				Room Temperature	Avoid freezing or heat above 35°C
FISH	Slides or cell pellets can be accepted for FISH studies. Exact requirements will match the tissue being sent for FISH study.				Room Temperature	Avoid freezing or heat above 35°C
Product of conception	Use separate Sterile leak-proof containers for	Sterile saline	At least two fetal tissues 1 x1 x 1 cm	Biopsy from two different fetal parts	Room Temperature	Avoid freezing or heat above 35°C
Skin Biopsy	Sterile leak-proof tube	Sterile saline	0.5 sq. Cm or 2-3 punch biopsies	One Punch Biopsy	Room Temperature	Avoid freezing or heat above 35°C
Bone Marrow for Leukemia-Lymphoma study	Green top vacutainer	Sodium Heparin	2 ml	1 ml	Room Temperature	Avoid freezing or heat above 35°C
Lymph-node / tissue for malignancy study	Sterile leak-proof tube	Sterile saline	1 x 1 x 1 Cm piece of non-necrotic tissue.		Room Temperature	Avoid freezing or heat above 35°C