

Cytogenetics Laboratory UT- Health Science Center	<b>Specimen Requirements</b>				<b>Phone: (210) 567-4050</b> <b>Fax: (210) 567-4041</b>	
<b>Study</b>	<b>Container</b>	<b>Preservative / Medium</b>	<b>Optimal Quantity</b>	<b>Minimum Quantity</b>	<b>Storage</b>	<b>Transportation</b>
<b>Amniotic Fluid</b>	Sterile leak-proof tube	None	20-25 ml	10 ml	Room Temperature	Avoid freezing or heat above 35°C
<b>Chorionic Villus Sample</b>	Sterile leak-proof tube	Transport medium provided by lab.	25-30 mg	5 mg	Room Temperature	Avoid freezing or heat above 35°C
<b>Peripheral Blood</b>	Green top vacutainer	Sodium Heparin	4-5 ml	1-2 ml	Room Temperature	Avoid freezing or heat above 35°C
<b>High Resolution Study (Blood Only)</b>	Green top vacutainer	Sodium Heparin	4-5 ml	1-2 ml	Room Temperature	Avoid freezing or heat above 35°C
<b>Mosaicism Counts</b>	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
<b>FISH</b>	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
<b>Product of conception</b>	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
<b>Skin Biopsy</b>	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
<b>Bone Marrow for Leukemia-Lymphoma study</b>	Green top vacutainer	Sodium Heparin	2 ml	1 ml	Room Temperature	Avoid freezing or heat above 35°C
<b>Lymph-node / tissue for malignancy study</b>	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