

Collection Method	CHTN Standard Preservation/Shipping Method	Specialized Preservation/Shipping Method*
Frozen	<p>Snap frozen-LN2</p> <p>Vapor frozen-LN2</p> <p>Preserved in OCT (Optimal Cutting Temperature Compound)</p> <p>Biospecimens are stored at -80 or liquid nitrogen. Biospecimens are shipped on Dry ice.</p>	<p>DMSO</p> <p>Slow Freeze</p> <p>ETOH Bath</p> <p>RNALater</p> <p>Investigator supplied*</p> <p>Liquid Nitrogen Shipping is available at extra charge. Investigator must supply all consumables and reagents and make necessary arrangements with courier.</p>
Fresh	<p>Tissue intact or minced preserved in transport media (RPMI, DMEM, Saline)</p> <p>Touch Preps</p> <p>Specimens are shipped the same day as procurement on wet ice or ice packs (M-Thursday)</p>	<p>Investigator supplied</p> <p>Investigators accepting Saturday deliveries must comply with CHTN policies. Specialized charges may apply</p>
Fixed (FFPE)	<p>10% Formalin at ambient temperature and embedded in paraffin</p> <p>Stained HE slides (4-5 micron on +charged slides)</p> <p>Unstained slides (4-5 micron on + charged slides)</p> <p>Scrolls</p> <p>FFPE blocks and slides are shipped at ambient</p>	<p>RNALater</p> <p>Specialized slides</p> <p>Specialized microtoming</p> <p>RNALater specimens can be shipped fresh on ice or frozen on Dry Ice</p>

	temperature unless otherwise requested by the investigator	
Tissue Microarray (TMAs)	<p>TMA slides (unstained or HE stained)</p> <p>Slides are shipped at ambient temperature unless otherwise requested by the investigator</p>	<p>Block Creation</p> <p>Pathologist Review</p>
Biofluids	<p>Blood- CHTN Supplied Vacutainers</p> <p>Frozen Biofluids- Cryovials</p> <p>Urine (concial tubes)</p> <p>Biofluids can be shipped fresh on wet ice or ice packs or aliquoted and shipped on Dry Ice as frozen specimens</p>	<p>Specialized collection tubes</p> <p>Specialized processing</p>