

# Solid Tumor Specimen Requirements and Shipping Guidelines

	Specimen type	Requirements	Storage and transport
Tumor samples	Paraffin block (preferred)	<b>Tissue:</b> formalin fixed with surface area $\geq 25 \text{ mm}^2$ <b>Cell block:</b> formalin fixed with $\geq 200$ malignant cells	Ship overnight with frozen cold pack
	Core needle biopsy	3-5 cores from a single tumor	
	Unstained slides (USS)	10 (charged, unbaked) from a single tumor block, $\geq 50 \mu\text{m}$ total + H&E	
	Scrolls	6-10 freshly cut scrolls at $10 \mu\text{m}$ each	Ship overnight on dry ice
	Fresh frozen tissue	$5 \text{ mm}^3$	
Minimum tumor content is 20% Send H&E slide or attestation of tumor content for tumor samples along with corresponding pathology report If sending decalcified FFPE bone samples, EDTA -based methods are preferred. Strong acid decalcified samples are not accepted. Tumors processed in sectionable cassette systems (blocks or USS) are acceptable for testing			
Matched normal samples	Peripheral blood	3-5 mL in EDTA, $\leq 7$ days old upon receipt	<ul style="list-style-type: none"> <li>Refrigerate if storing before transport</li> <li>Ship overnight with frozen cold pack</li> </ul>
IHC testing*	Paraffin block	4-5 $\mu\text{m}$ of tissue used per stain	<ul style="list-style-type: none"> <li>Refrigerate if storing before transport</li> <li>Ship overnight with frozen cold pack</li> </ul>
	Unstained slides	2 (charged, unbaked) slides at 4-5 $\mu\text{m}$ per IHC stain 8 (charged, unbaked) slides at 4-5 $\mu\text{m}$ per IHC panel	

EDTA=ethylenediaminetetraacetic acid; FFPE=formalin-fixed, paraffin-embedded.

\* IHC testing not available in New York State.

- Ensure that all primary specimen containers are labeled with 2 unique patient identifiers and collection date
- Testing will not begin until both tumor and matched normal samples are received
- There is a possibility for tumor specimens to be exhausted during the testing process
- Freeze cold pack included in specimen kit for a minimum of 4 hours before shipping
- Please contact us if you have alternative sample types