# Tumor Specimen Preparation and Shipment Instructions

For questions regarding specimen preparation or shipping, please call us at 866.262.7943

## Tumor Specimen Preparation Instructions

- **Both blood and tissue samples are required for all orders**

### BLOOD REQUIREMENTS

One tube containing 3-5cc blood in purple top EDTA tube (preferred) or yellow top citric acetate tube.

For transfusion patients: Wait at least two weeks after a packed cell or platelet transfusion and at least four weeks after a whole blood transfusion prior to blood draw.

Note: blood specimen is stable at room temperature – no refrigeration required

### SALIVA REQUIREMENTS

If a blood sample is unavailable, a saliva sample can be used as an alternative.

1 Oragene saliva collection tube

### TISSUE REQUIREMENTS

Specimens can be submitted as either:

1. Formalin fixed paraffin embedded (FFPE) block (preferred)
2. Nine (9) unstained slides mounted with FFPE tissue sections cut at 10 micron thickness, unbaked and one (1) unstained slide with FFPE tissue sections cut at 5 micron thickness, unbaked

**NOTE:**

- Total tissue volume should be no less than 95 microns thick (in aggregate for slides).
- Tumor block from resection/excision specimen is preferred over core biopsy or endoscopic biopsy specimen. Please note that small size tissue samples, core biopsy specimens, hypocellular, fibrotic, fatty samples, extensive necrosis or samples with lower tumor cell content may require additional unstained slides, permission to exhaust the block or alternate tumor tissue block to obtain sufficient DNA for testing. Please choose the tumor block with largest tumor focus or highest tumor cellularity.
- Nucleated cells cellularity: at least 80%
- Tumor content /neoplastic cellularity: Viable tumor cell nuclei should constitute at least 20% of total number of all nucleated cells.

### Shipment Instructions

1. Please remove and freeze the cold packs included inside kit box.
2. Place labeled slide mailers (containing either FFPE slides or block) into foam slots. Also include purple-top EDTA blood tube(s), if blood has not already been shipped. Ensure that each specimen is clearly marked with the specimen ID#, patient name, and date of birth.
3. Place frozen cold packs on top of slide cassettes and/or FFPE tumor tissue block mailer and cover with top piece of foam. Frozen cold pack should not be in direct contact with the FFPE block.
4. Place specimens and foam padding inside biohazard bag and seal.
5. Place the sealed biohazard bag inside Ambry sample submission kit box
6. Fold completed and signed Test Requisition Form and corresponding pathology report and place inside sample submission kit box.
7. Place the sample submission kit box inside FedEx Clinical Pak and seal by removing white strip to expose adhesive.
8. Affix prepaid overnight FedEx billable label to outside of FedEx Clinical Pak.
9. Ship your package one of three ways:
   - Use your regular scheduled pickup
   - Drop off at local FedEx location
   - Call FedEx to schedule a pickup (800-463-3339) – there is no fee for pickup.