

Tumor Specimen Forward Request

Please submit this form with a copy of the completed Tumor Test Requisition Form (TRF). If you would like to facilitate the submission of your patient's tumor from Pathology to Ambry, please submit this form with a copy of the TRF directly to relevant Pathology department.

I, _____ am requesting that the tissue sample for
(ordering medical professional name)

_____, DOB: _____ be sent to Ambry Genetics for _____ testing.
(patient name)

(ordering medical professional signature) Date: _____

Pathology Information

Institution Name _____

Address _____ Phone _____

Once testing is complete, return specimen to Pathology at address above

Once testing is complete, return specimen to other location, please specify:

Institution Name _____

Address _____ Phone _____

Specimens can be submitted as either:

1. Formalin fixed paraffin embedded (FFPE) tumor tissue block (preferred) or
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:

- Tumor block from resection/excision specimen is preferred. Please note that small size tissue samples with tumor area <25 mm² (core biopsy specimens, colonoscopic or other endoscopic biopsy specimens), hypocellular, fibrotic, fatty, necrotic samples or samples with lower tumor cell content (<20% viable tumor cellularity) may not yield enough DNA for analysis and may require additional unstained slides. Moreover, submission of these sample types may result in requests for permission to exhaust the block or an alternate tumor tissue block to obtain sufficient DNA for testing. When choosing a block for submission, please select one with the 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.

Acceptable Tumor types:

- TumorNext-*Lynch*: Currently only colorectal carcinomas and endometrial carcinomas are accepted. A tumor block on which previously run DNA mismatch repair protein immunohistochemistry studies is preferred for TumorNext-*Lynch* testing.
- TumorNext-*BRCA* and *HRD*: Currently only ovarian carcinomas are accepted.

Unacceptable specimens:

- Less than 20% viable tumor cellularity
- Specimens fixed/processed in alternative fixatives other than 10% neutral buffered formalin (e.g. Bouins, Zenker's, B5, or heavy metal fixatives)
- Decalcified specimens

Please include a copy of Pathology report, this form, and the Ambry Tumor TRF along with the specimen. Specimens received must have at least two patient identifiers in order to avoid discrepancies. During hot weather, it is advisable to include a cooling pack with the specimen when shipping to avoid heat damage.

For additional details regarding specimen preparation or shipping, please see the attached Specimen Preparation and Shipment Instructions. Specimens may be shipped in an Ambry specimen submission kit. These are available to order at ambrygen.com/order-sample-kit at no cost.

Please ship the specimen overnight to: Accessioning at Ambry Genetics
7 Argonaut, Aliso Viejo, CA 92656 USA