To ensure accurate molecular profiling, please follow the specimen guidelines below when submitting tumor samples. Use a Tempus blood or saliva collection kit to collect and ship this specimen.

Tempus requires a matched normal specimen for solid tumor and lymphoma testing. We do not perform a normal match for leukemia (fibroblast culture from skin punch is accepted). For solid tumors, blood is preferred. For lymphoma, only saliva is accepted.

**TISSUE REQUIREMENTS**

- Patient material, labeled with two identifiers
- Tumor samples should be from the most recent procedure, if adequate for testing.
- FFPE Fixation Requirements
  - 10% formalin fixation (neutral buffered) for 6–72 hours, paraffin embedded
  - No decalcification of the samples is preferred (EDTA is accepted)
- Tumor required to be at least 20%* of the sample by ratio of tumor nuclei to benign nuclei
  - *required to be at least 40% for xE panel
- Optimal tumor size = 25 mm², minimum = 5 mm²

**BLOCKS**  *Preferred collection method*

1. FFPE block with greatest tumor content
2. H&E stained slide, optional

**SLIDES**

1. Terminal H&E stained slide
2. FFPE unstained slides when DNA mismatch repair protein panel IHC is ordered
3. FFPE unstained slides when PD-L1 IHC is ordered
4. FFPE unstained slides for NGS 5μm sections on positively charged, unbaked slides
5. FFPE unstained slides when PD-L1 IHC is ordered

**CIRCULATING HEMATOLOGIC MALIGNANCY REQUIREMENTS**

Please send CBC with differential, flow cytometry results, and/or bone marrow pathology report.

- At least 20% tumor content
- Specimen must ship to Tempus via FedEx Overnight on the same day it is collected
- Must not freeze

**Bone Marrow:**
Minimum 1 mL bone marrow aspirate in an EDTA tube

**Peripheral Blood:**
Minimum 8 mL peripheral blood in an EDTA tube

**SENDING SAMPLES**

Send via priority overnight shipping using the packaging included in the Tempus collection kit. Attention: Tempus Labs | 600 West Chicago Ave, Suite 510 | Chicago, IL 60654

To order Tempus tissue collection kits, contact your Tempus representative or contact us at support@tempus.com or 800.739.4137.

If providing a non-preferred sample type, please contact our support team at 800.739.4137 before shipping samples.