

THEROS CancerTYPE ID[®] Sample Preparation

For the above test we require 10% neutral buffered formalin fixed, paraffin-embedded tissue blocks taken during tumour resection. Please see notes below when taking the samples.

Notes for preparing formalin fixed, paraffin embedded tumour samples.

- Please submit formalin-fixed, paraffin embedded blocks of tumour tissue. If there are multiple blocks available, please select only the block that contains the highest tumour load. A minimum of 300-500 viable tumour cells are required for testing.
- Tissue blocks will be returned after testing.
- Types of formalin-fixed tissue blocks accepted include:
 - Surgical biopsies
 - Core needle biopsies
 - Also fine needle aspirates processed into fixed, paraffin embedded blocks may be suitable for testing
- If formalin-fixed tissue is not available, Bouin's solution is an acceptable alternative. Tissue fixed with glyoxal-containing solutions cannot be used for testing.
- Please note that bone biopsy samples should be decalcified using formic acid. Tissue decalcified using hydrochloric acid cannot be used for testing.
- **You must fill out a sample identification label and attach them to the sample block. Both test request form and the sample must have at least 3 unique and corresponding identifiers for testing to commence (first name, last name, date of birth).**

PLEASE NOTE: It is very useful to include any histopathology report or documentation associated with the tumour samples.

Packaging instructions for returning the samples to Lab21

1. Place the labelled tissue block sample into the enclosed Pathoseal bag and seal the bag as per the instructions.
2. Place the sealed bag with the sample into the cardboard return mailer (kit box). Ensure that all paperwork has been fully completed and enclose it with the sample.
3. Close the box and seal the lid with the security label provided in the kit.



4. UK customers should post back to Lab21 using the Freepost label provided on the reverse of the return mailer box. If outside the UK please contact Lab21 for advice on a suitable courier to return the sample. Alternative shipping option: If your hospital is a member of the DX network, you can send samples using your hospital account to: Lab21, Dx 6055300, Cambridge 94 CB.

Return address Lab21 Ltd, 184 Cambridge Science Park, Cambridge, UK CB4 0GA
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