

FFPE tumor sample

- FFPE block with an ideally 2 cm² x 3 mm piece of tissue with a tumor content of at least 30%.
- FFPE block in a sealed plastic bag
- Slide with a section of the FFPE block corresponding to the tumor, on which the tumor region is marked.
- Shipment in a padded envelope
- Note. **If no block but only sections can be provided, please contact us in advance for technical specifications.**

Important: The completed *Tumor Sample(s) Description* form should be sent along with the sample.

Blood sample

We need one tube with 0,5 ml blood. Use only EDTA as anticoagulation agent. Samples with heparin cannot be processed.

- Fill EDTA tube with 0,5 ml blood and mark with unique patient number.
- Let the tube stand for 30 min at room temperature before proceeding to *Blood shipment variant 1* or *Blood shipment variant 2*.

Blood shipment variant 1: frozen

Equipment: -80 °C freezer (for sample storage before shipment), Styrofoam box, dry ice

- Freeze the EDTA/blood tubes on dry ice
- Store the tubes at -80°C prior to shipping.
- For shipment, put tubes in in a sealed plastic bag and place in a Styrofoam box (or equivalent) with dry ice (at least 10 cm of dry ice is required above and below the sample tubes).

Blood shipment variant 2: cooled

Equipment: Styrofoam box (or equivalent), +4°C cool blocks

- Put the EDTA/blood tubes in a sealed plastic bag and place in a Styrofoam foam box with +4°C cool blocks.
- Send immediately, DNA should be isolated within 24 hours.
- Select a "handle with care" shipment option, shaking should be avoided.

Important: Inform Alacris at least two days before you plan to ship the non-frozen blood.

Please note: *If multiple samples from the same tumor are sent to Alacris, only one sample will be processed, unless otherwise agreed. If information about tumor content in the samples is available, the sample with the highest tumor percentage will be processed. From equivalent samples, the sample for processing will be selected randomly. Samples may also be combined to obtain sufficient quantities of DNA and RNA for genetic analysis.*

Tumor sample(s) description

Please fill-in and send to Alacris along with the sample(s) for analysis.

Patient Name <input type="text"/> Date of birth <input type="text"/> Gender <input type="checkbox"/> female <input type="checkbox"/> male <input type="text"/>	Contact person Name <input type="text"/> Institution <input type="text"/> Telephone <input type="text"/> Email <input type="text"/>
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Tumor sample(s)

Sample(s) obtained on [DD/MM/YYYY]

Pathology report(s) enclosed will be sent by [DD/MM/YYYY]

For FFPE sample(s) only: slide(s) with stained tissue sections & marked tumor area is/are included.

Nr.	Sample ID <small>(e.g. FFPE block number)</small>	Tissue type	Tumor content * <small>in [%]</small>	Type of sample <small>e.g. FFPE, frozen, etc.</small>	Comments

* estimation of the tumor content in the sample is essential for the analysis

For multiple tumor samples only:

The samples were obtained:

from different parts of **the same** tumor region from different **independent** tumor regions

Comments:

Important! *If multiple samples from the same tumor are sent to Alacris, only one sample will be processed, unless otherwise agreed. If information about tumor content in the samples is available, the sample with the highest tumor percentage will be processed. From equivalent samples, the sample for processing will be selected randomly. Samples may also be combined to obtain sufficient quantities of DNA and RNA for genetic analysis.*

Checklist of the documentation required by Alacris

Please note: Processing of sample(s) cannot be started until all listed forms and information are supplied to Alacris.

The patient was given the 'Patient Information Sheet: Genetic Counselling before genetic investigations in accordance with the Gene Diagnostics Act - GenDG, and duly informed

Order / Contract

'Genetic Investigation Requisition' and 'Declaration of Consent' to genetic investigation in accordance with the German Gene Diagnostics Act (*form attached*) signed by the doctor and the patient

Patient information

Information on disease and treatment history

Information about previous genetic tests performed on the patient and their results

Sample information

Pathology report(s) on the sample(s)

Tumor Sample Description (*form attached*)

Documentation is complete