

Sample Collection

Tissue Biopsy:

Somatic and Germline Mutation can be analyzed and detected in cancer tissue biopsy sample. In addition, Gene expression studies such as QPCR, Microarray and NGS can also be performed using the Tissue biopsy.

- Excise approximately 0.5-1 gram of the tissue sample and wash excess of blood and other material using PBS.
- If necessary, cut it into slices less than 0.5 cm thick. Perform this step as quickly as possible (**Note:** For effective RNA stabilization, the tissue sample must be less than 0.5 cm thick).
- Immediately transfer the tissue biopsy to RNAlater RNA Stabilization Reagent for preserving the tissue.
- Submerge the tissue piece(s) in the collection vessel or tube containing RNAlater RNA Stabilization Reagent completely to protect the RNA and DNA.
- Transport the tissue biopsy submerged in RNAlater RNA Stabilization Reagent in 2–8°C.

Note: Tissue sample submerged in RNAlater RNA Stabilization Reagent can be stored up to 4 weeks at 2–8°C, up to 7 days at 15–25°C, or up to 1 day at 37°C.

Blood/Liquid Biopsy:

Germline Mutation only can be analyzed and detected in cancer tissue biopsy sample. In addition, Gene expression studies such as QPCR, Microarray and NGS can also be performed using the Tissue biopsy.

- 5 ml of blood should be collected aseptically in an EDTA vacutainer (purple cap), labelled with patient's name, age, sex and date of collection of the sample.
- Enclose the test order form and other details with the sample.
- The details of dispatch should be intimated earlier through e-mail so that proper arrangements for receiving samples are made.

Sample transport:

The samples may be sent at 4°C *via* courier so as to reach us within 24 hours. All the samples should be accompanied with the properly filled Order form duly signed by the patient or his/her relatives.

Address to be forwarded:

AMIOmics
28B, Rajalakshmi Nagar, Hope Signal,
Masakalipalayam Road,
Coimbatore-641004.
Tamil Nadu, India