Sample requirements and turn around times (TAT)

Molecular cytogenetics

Fluorescent In situ Hybridization (FISH)

Fluorescent in situ hybridization is also available on:
- Paraffin embedded tumoral tissue (formalin or AFA – not Bouin) – [tumor block returned after analysis]
  or
- Fresh tumor: 5 touch imprints slides fixed in methanol/acetic acid 3:1 - 10 minutes - RT
- Frozen tumor: 5 slides (4-5 µm thick cuts on slides fixed in methanol/acetic acid 3:1 - 10 minutes - RT)
- Paraffin Embedded tumor: 5 slides (4-5 µm thick)
- Histology report is mandatory (and % of tumor cell invasion)
- TAT: 2 weeks

Molecular biology

Molecular biology is also available on:
- Paraffin embedded tumoral tissue (formalin or AFA – not Bouin) – [tumor sample is returned after analysis]
  or
- 5 cryo tumor slides (10 µm thick)
- 5 paraffin embedded tumor slides (10 µm thick)
- Histology report is mandatory (and % of tumor cells invasion)
- TAT: 2 weeks

*Note:
- For Prostate cancer (PCA3 analysis), please refer to the "focus on PCA3" leaflet for sample requirements.
- For Bladder cancer, (aneuploidy and p16 deletion), a urine specimen is mandatory.
- For Colorectal cancer (MSI only), whole blood sample is mandatory along with tumor sample.

Genetic predisposition markers to cancer: available at Biomnis from 2009.
Pharmacogenomic tests are available on request.
Biomnis provides full expertise and organisation for clinical trials.

Contacts

Hemato-oncological Department

- Biomnis Ireland
  Three Rock Road
  Sandyford Industrial Estate
  Sandyford
  Dublin 18
  Tel.: (01) 295 8545
  Fax: (01) 295 5399
  E-mail: sales@biomnis.ie
  Web: www.biomnis.ie