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| --- |
| Sample requirements  |
| 3 x 10µM FFPE tissue curls with a stated tumour content - minimum tumour content 10% (minimum 40% required for GIST)  |
| *Please ensure FFPE curl sample is labelled with at least two unique identifiers* |
| Test(s) required |
|  | *RAS* testing in colorectal adenocarcinoma (*KRAS/ NRAS/BRAF*) |
|  | *BRAF*  testing in melanoma (*BRAF/NRAS*)  |
|  | *BRAF* testing in thyroid carcinoma (*BRAF*) |
|  | *EGFR* testing in NSCLC (*EGFR/KRAS*) (Cytology: samples can include fixed cell pellet or other fluids and slides) |
|  |  *EGFR* T790M TKI resistance testing (Cytology: samples can include fixed cell pellet or other fluids and slides) |
|  |  NSCLC Pathway (If *EGFR* is negative then sample will be referred to RVI for IHC ALK testing) |
|  | *cKIT/PDGRA* testing in GIST  |
|  | MSI testing in colorectal adenocarcinoma (please contact the laboratory prior to referral to discuss testing of other tumour types) |
|  | Other (please state):  |
| Patient information  | Referring clinician |
| Surname  |  | Name  |  |
| Forename  |  | Hospital |  |
| DOB  |  |  |  |
| NHS No. |  | Contact Tel |  |
| Sex  | Male / Female | Email |  |
| Hospital No. |  | Copy report to |  |
| Postcode |  | Hospital |  |
| Sample information  |
| Date sample taken  |  | Tumour type |  |
| Pathology sample reference |  | Tumour content |  |
| Samples should be sent to: Newcastle Genetics LaboratoryInternational Centre for LifeCentral ParkwayNewcastle upon TyneNE1 3BZEnquiries to: **Cancer Genomics Laboratory****0191 241 8786 / 8703** **Email: nuth.cancer.genomics@nhs.net** |
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**DNA ANALYSIS**

**Molecular Pathology**

**Accredited**

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