

<p>Patient and sample details:</p> <p>Name: _____</p> <p>Date of birth: / / Male <input type="checkbox"/> Female <input type="checkbox"/></p> <p>Hospital No. _____</p> <p>NHS No. _____</p> <p>Histopathology Lab No. _____</p> <p>Date taken: / /</p> <p>Diagnosis/tumour type: _____ Stage: _____</p> <p>Specimen type: _____</p> <p>Tissue type: Biopsy <input type="checkbox"/> Resection <input type="checkbox"/> Primary <input type="checkbox"/> Metastasis <input type="checkbox"/></p>	<p>Destination of report:</p> <p>Name: _____</p> <p>Hospital: _____</p> <p>Department: _____</p> <p>Address: _____ _____ _____ _____</p> <p>Copy report to (NHS.NET contact): _____</p> <p>Sender's contact name and phone/email details: _____</p>
<p><input type="checkbox"/> NHS patient <input type="checkbox"/> Private patient <input type="checkbox"/> Other</p> <p>Please provide details for billing information if different from the requesting hospital above.</p>	

- SOLID TUMOUR DNA NGS PANEL**
- | | | | | |
|--|---|--|--|---------------------------------------|
| <i>Colorectal</i> <input type="checkbox"/> | <i>Lung</i> <input type="checkbox"/> | <i>Melanoma</i> <input type="checkbox"/> | <i>Thyroid</i> <input type="checkbox"/> | <i>GIST</i> <input type="checkbox"/> |
| <i>Bladder</i> <input type="checkbox"/> | <i>H&N</i> <input type="checkbox"/> | <i>Prostate</i> <input type="checkbox"/> | <i>Liver</i> <input type="checkbox"/> | <i>Renal</i> <input type="checkbox"/> |
| <i>Breast</i> <input type="checkbox"/> | <i>Pancreatic</i> <input type="checkbox"/> | <i>Adrenal</i> <input type="checkbox"/> | | |
| <i>Neurological</i> <input type="checkbox"/> | <i>Endometrial</i> <input type="checkbox"/> | <i>Salivary Gland</i> <input type="checkbox"/> | <i>Cholangiocarcinoma</i> <input type="checkbox"/> | |
- OTHER (please specify)** _____

Please send **1 H&E section** with the tumour area clearly marked and **5 x 10 µm mounted sections** (unstained, uncharged)

- PAN-CANCER RNA NGS PANEL**
- Used to detect the most common actionable gene fusions in solid tumours and for the diagnosis and characterisation of sarcomas. It can also be used for the detection of NTRK gene fusion positive solid tumours to direct treatment according to NICE guidelines.
- ALK** **ROS1** **RET** **NTRK** **BRAF** **FGFR** **NRG1**
- Please send **1 H&E section** with the tumour area clearly marked and **5 x 10 µm mounted sections** (unstained, uncharged)

- FISH (please specify probes)** _____ **MDM2**
- Please send **1 H&E section** with the tumour area clearly marked and **2 x 2 µm mounted sections per FISH probe** (unstained, positively charged)
For MDM2 also provide an **additional 5 x 10 µm mounted sections** (unstained, uncharged)

- HISTOPATHOLOGY – LUNG ONLY** **ALK IHC** **PD-L1 IHC** **ROS-1 IHC**
- Please send **2x H&E section** with the tumour area clearly marked and **8 x 3-4 µm mounted sections per IHC** (unstained, positively charged)
- Please tick appropriate boxes and send samples to the address above**

- Please tick the appropriate box according to your local pathology assessment of the tissue sent for testing:**
- Cellularity:** High Intermediate Low Very Low
- Neoplastic nuclei:** >70% 50-70% 30-50% 20-30% 10-20%
- Necrotic:** YES NO **High Melanin content:** YES NO