Clinical Genomics Department The Centre for Molecular Pathology The Royal Marsden NHS Foundation Trust 15 Cotswold Rd, Sutton, Surrey SM2 5NG Tel: 0208 915 6565 Tel: 0208 915 6565 <u>rmh-tr.moleculardiagnostics@nhs.net</u> <u>cytogenetics@icr.ac.uk</u> <u>HHMDS@rmh.nhs.uk</u>		North Thames Genomic Laboratory Hub The ROYAL MARSDEN NHS Foundation Trust
Patient and sample details:	Destination of report:	
Name:	Name:	
Date of birth: / / Male 🗆 Female 🗆	Hospital:	
Hospital No.	Department:	
NHS No	Address:	
Histopathology Lab No		
Date taken: / /		
Diagnosis/tumour type: Stage:		
Specimen type:	Copy report to (NHS.NET contact):	
Tissue type: Biopsy Resection		
$\begin{array}{c} \text{Primary} \square & \text{Metastasis} \square \end{array}$	Sender's contact name and phone/e	email details:
SOLID TUMOUR DNA NGS PANEL Colorectal Lung Melanoma Thyroid GIST		
Bladder L H&N L Prostate Liver Renal Breast Pancreatic Adrenal Neurological Endometrial Salivary Gland Cholangiocarcinoma OTHER (please specify)		
Please send <u>1 H&E section</u> with the tumour area clearly marked and $5 \times 10 \mu$ m 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 1H&E section with the tumour area clearly marked and 5 x 10 µm mounted sections (unstained, uncharged)		
FISH (please specify probes) MDM2 Please send <u>1 H&E section</u> with the tumour area clearly marked and <u>2 x 2 µm mounted sections per FISH probe</u> (unstained, <u>positively charged</u>) For MDM2 also provide an <u>additional 5 x 10 µm mounted sections</u> (unstained, uncharged)		
HISTOPATHOLOGY – LUNG ONLY ALK IHC 🗆 PD-L1 IHC 🗆 ROS-1 IHC 🗔		
Please send <u>2x H&E section</u> with the tumour area clearly marked and <u>8 x 3-4 μm mounted sections per IHC</u> (unstained, <u>positively charged</u>) <u>Please tick appropriate boxes and send samples to the address above</u>		
Please tick the appropriate box according to your local pathology assessment of the tissue sent for testing:		
Cellularity: 🗆 <u>High</u> 🗆 <u>Intermediate</u> 🗆 <u>Low</u> 💭 <u>Very Low</u>		
Neoplastic nuclei:	□ <u>30-50%</u> □ <u>20-30%</u> □	<u>10-20%</u>
Necrotic: YES NO High Melanin content: YES NO Clinical Genomics NGS request form - Version: 1.3. Index: GEN-002. Printed: 07-Sep-2022 20:26 Authorised on: 21-Jul-2022. Authorised by: Emma Arton. Document Unique Reference: 9-108204582. Due for review on: 21-Jul-2023		

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