AWMGS
All Wales Medical Genomics Service

Solid Tumour Test Request Form

Colorectal

Fill in patient details below or affix addressograph (top left) and send to Cell Pathology for sample preparation			
Patient Forename:			Clinician (address report to):
Patient Surname:			Requested by:
DoB:		NHS number:	Hospital Name (*essential for report*)
Sex:		Hospital Number:	**Email Addresses (*for reports*):** oncologists/pathologists/MDT coordinators) *(NHS Wales or NHS.net)*
Address: Postcode:		Alternative Hospital no: Date requested:	

Please note: Gene analysis relies on sampling tumour tissue.
Tissue blocks for genomic analysis can no longer be accepted.

This section is for completion by Pathology Laboratory		
Pathologist:	Pathology Hospital:	Block Number:
Sampling method, biopsy type and fixation method.	Date sample sent to AWMGS	**Tumour sample has now been exhausted** *Yes* ☐ *No* ☐

For ALL requests please provide:
1 H&E stained slide with area of highest neoplastic cell content CLEARLY circled.
Please state the approx. % neoplastic cell content present in the H&E circled tumour area: _____%

Relevant Clinical Summary (e.g. tumour histology) *Please also attach appropriate pathology report*

Test		***Test directory***	***Technology***	***Sample requirements***
Multi-target DNA NGS panel: small variant - KRAS, NRAS, BRAF, TP53, PTEN, EGFR, PIK3CA	☐	**M1.1**	**DNA NGS Panel**	**DNA:** 60µM (preferably **6 x 10µM**) air dried unstained sections mounted on slides.
Multi-target RNA NGS panel: structural variant – NTRK1, NTRK2, NTRK3	☐	**M1.6**	**RNA NGS Panel**	**RNA:** 50uM (preferably **5 x 10µM**) air dried unstained sections mounted on slides. *Note: slides for RNA – ideally prepared in an RNase-free environment.* **For salvage FISH** (in the event that RNA-based NGS cannot be performed or is unsuccessful): **2 x 3-4µM** sections (singly mounted) on charged/adhesion slides **PER GENE**.