AWMGS
All Wales Medical Genomics Service

Solid Tumour Test Request Form
Gastrointestinal Stromal Tumour (GIST)

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*):** (*NHS Wales or NHS.net)* oncologists/pathologists/MDT coordinators)
Address: Postcode:		Alternative Hospital no: Date requested:	

Please note: Gene analysis relies on sampling tumour tissue.
Tissues 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 - KIT, PDGFRA)	☐	**M8.1**	**DNA NGS Panel**	**DNA**: 60µM (preferably **6x 10µM**) air dried unstained sections mounted on slides.
Multi-target RNA NGS panel: structural variant - NTRK1, NTRK2, NTRK3	☐	**M8.2**	**RNA NGS Panel (NTRK only)**	**RNA**: 50µM (preferably **5x 10µM**) air dried unstained sections mounted on slides. *Note: slides for RNA - ideally prepared in an RNase-free environment*

In the event of insufficient tissue/low cellularity/low neoplastic cell content samples, please discuss with AWMGS appropriate alternate routes of testing before sending samples **Samples should be dispatched as soon as possible as the patient's treatment is dependent upon the molecular analysis** For further information on testing and further details on panels used please, refer to the AWMGL website: PD-GEN-GISTNGS14.pdf (medicalgenomicswales.co.uk)
Please complete this request form and send to the local path lab where sample preparation can take place prior to sending the sample and form to AWMGS at: All Wales Medical Genomics Laboratory, Wales Genomics Health Centre, Cardiff Edge Business Park, Longwood Drive, Whitchurch, Cardiff, CF14 7YU Laboratory contact details for enquiries: Phone – 02921 834000 Email lab.genetics.cav@wales.nhs.uk