

## Solid Tumour Test Request Form Breast

<b>Fill in patient details below – or affix addressograph (top left)</b>			
Patient Forename:		Clinician (address report to):	
Patient Surname:		Requested by:	
DoB:	NHS number:	Hospital Name ( <i>essential for report</i> ):	
Sex:	Hospital Number:	<b>Email Addresses (<i>for reports</i>):</b> ( <i>NHS Wales or NHS.net</i> ) oncologists/pathologists/MDT coordinators	
Address:	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	<b>Tumour sample has now been exhausted</b> Yes <input type="checkbox"/> No <input type="checkbox"/>

Sample details:  
 Archived tissue       New biopsy       Date of biopsy \_\_\_\_\_

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

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: \_\_\_\_\_ %

Test	Test directory	Technology	Sample requirements
<b>Multi-target DNA NGS panel:</b> small variant – PIK3CA	<input type="checkbox"/>	n/a	<b>DNA:</b> 60µM (preferably <b>6x 10µM</b> ) air dried unstained sections mounted on slides.
<b>Multi-target RNA NGS panel:</b> structural variant - NTRK1, NTRK2, NTRK3	<input type="checkbox"/>	M3.5	<b>RNA:</b> 50µM (preferably <b>5x 10µM</b> ) air dried unstained sections mounted on slides. <i>Note: slides for RNA - ideally prepared in an RNase-free environment.</i>

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, please refer to the AWMGL website:

<https://www.medicalgenomicswales.co.uk/>

Please complete this request form and send with the sample to:  
All Wales Medical Genomics Laboratory, Institute of Medical Genetics,  
University Hospital of Wales, Heath Park, Cardiff CF14 4XW

Laboratory contact details for enquiries: Phone: 0292 1842641 Email: [lab.genetics.cav@wales.nhs.uk](mailto:lab.genetics.cav@wales.nhs.uk)