

## PLASMA DNA (cfDNA) MUTATION TESTING IN NSCLC

North West Genomic Laboratory Hub (MANCHESTER), Manchester Centre for Genomic Medicine (MCGM)

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Patient Details		Payment Status: NHS Private		Referring Clinician			UKAS MEDICAL	
Surname:				Consultant (in full):			9865	
Forename:				Hospital (in full):				
DoB:	NHS No:			Department: Tel:				
Sex:	Hospital No:			Email:				
Address:			Copy report to (if applicable):					
Postcode:								
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2. CLINICAL & SAMPLE DETAILS							
Date and time ofD/Y blood sampling:H/M	Has the patient started EGFR TKI therapy? Yes/No (If Yes please give details and date of commencement)						
Reason for requesting cfDNA testing Inadequate biopsy Unsuitable for biopsy	Is the patient on standard chemotherapy? Yes/No (If Yes please give date of commencement)						
Progression on EGFR-TKI therapy/ p.T790M status Other	If the patient has progressed on EGFR TKI therapy please provide details of the EGFR mutation present or include a copy of the report						

## 3. SAMPLE REQUIREMENTS & INFORMATION

Thoracic disease only at time of sampling: Y/N

Brain metastases at time of sampling:

We require the following

- 2 x 8ml tubes of venous blood in a cell free DNA collection tube (Roche Cell-Free DNA Collection Tube [Cat nos 07832389001/ 07785666001]) do not use standard EDTA blood tubes (see Note below).
- Please write the patient's name and dob on all sample bottles and complete the details on this form
- Thoroughly mix the blood and anticoagulant/preservative solution in the collection tube by gently inverting 8-10x
- Send this form along with the cell free DNA collection tubes in appropriate packaging at ambient temperature to the laboratory at the above letterhead. In order to be usable the samples should reach the laboratory within 72 hours of being taken
- Store the sample prior to despatch at ambient temp. Do not refrigerate or freeze the sample

Y/N

• See overleaf for detailed manufacturer's instructions for Roche Cell-Free DNA Collection Tubes

Note: The usable life of cfDNA samples taken in EDTA blood tubes is short (<24hours). Use of dedicated cell free DNA stabilisation tubes as recommended above extends the usable sample life to at least 72hrs provided the sample is taken as per manufacturer's instructions (see above and overleaf). If cell stabilisation tubes are not available locally please contact the laboratory as we can provide limited supplies of appropriate cell free DNA collection tubes.

PLEASE ENSURE THAT THE BLOOD SAMPLES ARE DISPATCHED <u>AT AMBIENT TEMPERATURE</u> AND REACH THE LABORATORY WITHIN 72 HOURS

In case of queries contact <a href="mailto:mft.Pharmaco.GeneticsRequests@nhs.net">mft.Pharmaco.GeneticsRequests@nhs.net</a> or 01612766122 https://mft.nhs.uk/nwglh/