

Director of Laboratories: Dr L Gaunt

EGFR PLASMA DNA (cfDNA) MUTATION TESTING IN NSCLC

1. PATIENT DETAILS (affix a printed label if available)

Forename(s):

Surname:

DoB:

Sex: M/F

NHS No:

Hosp No:

Address:

Postcode:

2. REFERRER DETAILS

Consultant:

Date of request:

Address for reporting/invoicing:

Tel:

¹Email/fax 1:

Email/fax 2:

¹Reports will be sent to multiple email/faxes if required

Report by: Email ☐ (email accounts need initial registration for secure email reporting)

Fax ☐ (a 'Safe Haven' fax no is required)

2. CLINICAL & SAMPLE DETAILS

Date and time of blood sampling: ____D/____M/____Y
____H/____M

Has the patient started EGFR TKI therapy? Yes/No
(If Yes please give details and date of commencement)

Reason for requesting cfDNA EGFR testing

Inadequate biopsy ☐

Unsuitable for biopsy ☐

Progression on EGFR-TKI therapy/
p.T790M status ☐

Other _____

Is the patient on standard chemotherapy? Yes/No
(If Yes please give date of commencement)

If the patient has progressed on EGFR TKI therapy please provide detail on the EGFR mutation present or include a copy report _____

Thoracic disease only at time of sampling: Y / N

Brain metastases at time of sampling: Y / N

3. SAMPLE REQUIREMENTS & INFORMATION

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
- 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 AT AMBIENT TEMPERATURE AND REACH THE LABORATORY WITHIN 72 HOURS