



BC Cancer Agency
CARE & RESEARCH
An agency of the Provincial Health Services Authority

Addressograph

Cancer genetics laboratory phone 604-877-6000 #2084

EGFR TEST REQUEST FOR STAGE IIIb/IV NON SQUAMOUS LUNG CANCER

Please complete all areas legibly and then fax this form to the originating hospital laboratory.

Requesting Physician: _____

Request Date: _____

Physician Phone #: _____

Physician Signature: _____

Physician Fax # _____

Patient Name: _____ PHN: _____ Exp date mm/yy ____ / ____

Date of Birth: _____

BCCA patient Y N (please circle)

BCCA No.: _____

Originating Hospital: _____ Path. Specimen #: _____

This patient has stage IIIb/IV non squamous lung cancer Y N (please circle)

Patient consent for release of tissue

I, instruct the laboratory holding my tissue block(s) to forward a representative tumour tissue block to the PHSA-BCCA laboratory for EGFR testing. I consent to have core specimens removed from the block for this testing. I understand the tumour in the block(s) may be exhausted and further testing may not be possible on the block(s) submitted. I understand this test will not require any further surgery or biopsy.

Signed.....

Witness to signature: -date.....

Instructions to the originating hospital laboratory

We appreciate your help in processing this request ASAP (within 2 days) as EGFR testing is now standard of care for patients with advanced lung cancer, due to the approval of Gefitinib as first line therapy for locally advanced or metastatic non-squamous lung cancer with EGFR mutations. We would like to request your expertise in determining the BEST TUMOR SAMPLE AVAILABLE (largest size, non-necrotic, containing a high ratio of tumor cells to non-tumor cells etc.) from either the primary tumor or a metastasis. A tissue biopsy is preferred but the testing can be done on cell blocks as well, especially if the tumor is localized in the block and easy to core. Please note that these tumor samples are usually very small and therefore extremely valuable. Please DO NOT cut unstained slides as the molecular testing for EGFR requires special precautions in tissue processing to avoid contamination, it must be performed at BCCA following a rigorous protocol. For further information please call the cancer genetics lab 604-877-6000 #2084.

If it is necessary that a BCCA pathologist select the block(s) then please submit a copy of the pathology report, all H&E slides and blocks (if slides and blocks cannot be sent together please send blocks only) and this form.

Or

Please submit a copy of the pathology report, selected block(s) and this form

Please send to :-

**Pathology Office - Room 3225
BC Cancer Agency
600 West 10th Avenue
Vancouver, BC V5Z 4E6**

Lab use only

Histo only

complete

INSTRUCTION TO PHYSICIANS

How to request EGFR testing and tissue blocks for patients with Stage IIIb/IV non squamous lung cancer

Important Notes

The availability of this test is to determine whether a patient is eligible for treatment with Gefitinib. The use of this therapeutic agent with specific requirements is sanctioned by Health Canada.

Step 1.

Use the **BC Cancer Agency EGFR Test Request Form** to request blocks and H&E slides from the histology laboratory of the originating hospital (the hospital where the surgical procedure was performed).

1.1 Fill out requesting physician information and ensure that the patient signs the consent portion, **this should then be witnessed by a third person.**

1.2 Fill out the originating hospital name and the path specimen numbers, **then fax the form to the histology laboratory of the originating hospital.**

Note that failure to fill the form out completely or a fax of poor quality will delay testing

Step 2.

The originating hospital will then check the appropriate box and send the form with the appropriate slides and/or blocks and a copy of the pathology report to BCCA.

Step 3.

If the upper box is checked then a BCCA pathologist will examine the report and slides and select a suitable sample. The pathology office will then request this block from the originating hospital for coring. If the lower box is checked then testing will be done after review of the submitted material.

For further information please call the cancer genetics lab 604-877-6000 #2084

For PATHOLOGISTS

We appreciate your help in processing this request ASAP as EGFR testing is now standard of care for patients with advanced lung cancer, due to the approval of Gefitinib as first line therapy for locally advanced or metastatic non-squamous lung cancer with EGFR mutations.

Although the request from the clinician specifically indicated a surgical specimen from your hospital to be submitted for EGFR testing we would like to ask your expertise in determining the BEST TUMOR SAMPLE AVAILABLE (larger size, non-necrotic, etc) from either the primary tumor or a metastasis. A tissue biopsy is preferred but the testing can be done on cell blocks as well, especially if the tumor is localized in the block and easy to core.

Please note that these tumor samples are usually very small and therefore extremely valuable. Please DO NOT cut unstained slides as the molecular testing for EGFR requires special precautions in tissue processing to avoid contamination, which must be performed at BCCA following a rigorous protocol.