

LAB13 Cytology, Non Gyn (Sputum Cytology)

BMC

Performing Location(s)

BMC

Specimen Type

Sputum (see Other Requirements)

Preferred Container

Specimen Cup

Specimen should be submitted fresh or in Cytolyt Fixative

NOTE: This fixative renders the specimen unsatisfactory for cultures

Storage Requirements

Refrigerate

Transportation Needs

Transport promptly to the lab

Volume Required

5 mL

Causes for Rejection

Mislabeled or unlabeled specimen

Improper fixation (with formalin)

Not a deep cough specimen (Saliva)

Limitations

If bronchial cells and/or dust pigment macrophages are not identified, the specimen will be reported as unsatisfactory

Additional Information

Patient Preparation:

The patient should rinse his/her mouth with water before producing a specimen to reduce oral contaminants.

Other Requirements:

One first morning deep cough, each day, for three days yields the best diagnostic results

A completed cytology requisition is required, including pertinent patient information. Include admitting diagnosis, past history of cancer, clinical impression and symptoms.

Rush specimens require a pathologist approval.

Additional Information:

Requests for the identification of organisms should be indicated on the requisition.

NOTE: Requests for Pneumocystis carinii pneumonia (PCP) are limited to induced sputum's.

Available STAT

Yes (See Other Requirements)

Methodology

Manual stain and microscopy

CPT Code

88112