

THIS TEST COMES WITH:



COLLECTION DO'S & DON'TS

- ✓ **DO** — Ship your sample as soon as possible after collection. This is optimal, however, if there is a slight delay, MicroGenDX samples are stable significantly longer than culture samples.
- ✓ **DO** — Maximize bronchial-segment yield by performing a directed wash/lavage with sterile saline.
- ✓ **DO** — If not returning sample in MicroGenDX provided 90mL Cup, ensure that sample is sent to MicroGenDX in a sterile container.
- ✗ **DO NOT** — Get Lidocaine in the collected BAL sample to prevent antimicrobial interference and dilution effects.
- ✗ **DO NOT** — Use tracheal sampling to reduce contamination with upper-airway flora.
- ✗ **DO NOT** — Alter the sample prior to sending to the MicroGenDX lab, including using a centrifuge. This includes splitting the sample at the lab to send for culture.
- ✗ **DO NOT** — Use Biofilm disrupting products. These agents may contain substances, like DNase, that can destroy bacterial DNA and inhibit your results. Consider instructing patients to pause the use of Biofilm disruptors for 24-48hrs prior to sample collection.

BRONCHOALVEOLAR LAVAGE (BAL) COLLECTION

Please extract the Bronchoalveolar Lavage (BAL) sample based on your facilities protocol. Place BAL sample fluid in the provided 90mL cup. If less than a pea-sized (at least 1mL of fluid) amount is collected, absorb it with the provided swab. Then place swab back in the housing tube, and send instead of the 90mL cup.

STEP 1

Optimize patient comfort and safety

- **For patients receiving invasive mechanical ventilation**, the depth of sedation should be transiently augmented through incremental titration of the ongoing sedative infusions—such as propofol or fentanyl—to facilitate procedural tolerance and attenuate cough reflexes during bronchoscopy performed without topical lidocaine.
- **For non-intubated individuals undergoing elective outpatient bronchoscopy**, the existing sedative regimen should be adjusted to achieve an adequate level of procedural comfort. The objective is to ensure sufficient suppression of cough and airway reactivity to permit safe airway instrumentation in the absence of topical anesthetic administration.

STEP 2

Introduce the bronchoscope without collecting tracheal secretions

- Advance the scope through the endotracheal tube directly toward the carina.
- Do not aspirate or collect secretions from the trachea.
- If tracheal secretions are inadvertently aspirated, withdraw the scope and rinse the working channel with sterile saline before reintroducing it to avoid sample contamination.

STEP 3

Avoid lidocaine instillation at the carina

- Instead of topical lidocaine, instill 5mL of cold sterile saline at the carina to reduce cough reflex without altering microbiologic yield.

STEP 4

Advance to the selected bronchial segment

- Navigate to the target segment based on clinical or radiographic suspicion.
- Instill 10mL of sterile normal saline (or another institution-approved solution for bronchial wash, such as sterile buffered saline).
- Perform a gentle wash/lavage and aspirate the return into a sterile collection trap, ensuring the majority of the sample originates from the bronchial segment rather than proximal airways.

STEP 5

Process the collected sample

- Once the aspirate is obtained, label and submit specimen per institutional protocol.

Instructions Developed by:

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Note: At the healthcare providers discretion, multiple samples can be collected from different regions of the lungs. These can all be placed in the same container.

SEE PATIENT INFORMATION &
SHIPPING INSTRUCTIONS ON REVERSE



PATIENT INFORMATION

1. MARK SAMPLE

Use a permanent marker to write patient name, date of birth and sample collection date on 90mL Cup or Multi-Purpose Swab tube.



2. SIGN LAB REQ

Please have the patient sign the lab requisition form accepting financial responsibility. Be sure the physician has also signed the lab requisition form confirming consent.



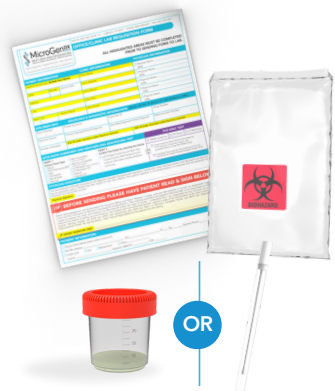
3. INSURANCE INFORMATION

Submit patient face sheet and demographics with insurance information or both sides of a patient's insurance card. If this is a prepaid test skip this step.



PACKING SAMPLES FOR SHIPMENT

1. Slide the folded Lab Requisition Form into the open back pocket of the Biohazard Bag.
2. Place the 90mL Collection Cup or Multi-Purpose Swab into the center sealable pocket of Biohazard Bag.
3. **IMPORTANT:** Place only one Sample and one lab requisition in each Biohazard Bag.
4. Securely seal the Biohazard Bag making sure it is completely closed.
5. Place the sealed Biohazard Bag into the MicroGenDX Shipping Box (**shipping label already attached to bottom of box*).
6. Close the MicroGenDX Shipping Box and seal with the clear sealing sticker or a piece of tape.
7. **You can add multiple completed lab bags into the MicroGenDX Shipping Box.**



3 CONVENIENT FEDEX SHIPPING METHODS

1. Drop into FedEx Dropbox including FedEx locations.
2. For Physician Offices Only: Call for pick up 1-800-GoFedEx (1-800-463-3339). Say "agent" twice to speak to agent. Let them know it's prepaid pick up.
3. For Physician Offices Only: Use our online "Schedule a Pickup" page at www.MicroGenDX.com. **Make sure to retain your tracking number.**

