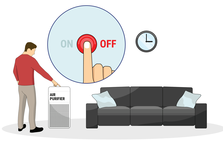
Mold ERMI Test Kit
A Step-by-Step Guide

Accurate Mold Testing with Your Mold ERMI Test Kit

Use this step-by-step guide to collect a composite dust sample from your home using EMSL's Mold ERMI Test Kit. Follow all instructions for reliable results that meet EPA sampling protocols.

STEP 1
Prepare Your Home for Testing



Limit Movement and Airflow

- Reduce activity in the home 24 hours prior to and during testing.
- Turn off fans or air purifiers in rooms being tested.
- Keep people and pets out of test areas during sampling.

Allow settled dust to remain undisturbed for accurate collection.

STEP 2
Gather the Required Equipment

What You'll Need:

1 vacuum cleaner with hose attachment

1 EMSL Mold ERMI Test Kit (includes dust collection device)

1 tape measure (25 feet)

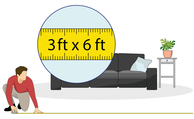
1 roll of duct, painter's, or masking tape

1 extension cord (25 ft)

1 stopwatch or timer (with 5-minute setting)

Your EMSL Mold ERMI Test Kit includes the dust collection device used for sampling.

STEP 3
Mark Sampling Areas



Living Room / Common Room Sampling

- Select the most used common room (e.g., family room).
- Measure and tape off a 3 ft x 6 ft area (18 sq ft) adjacent to the primary sofa or chair.

Bedroom Sampling

- Choose the most frequently used bedroom.
- Tape off a 3 ft x 6 ft area adjacent to the side of the bed where entry/exit occurs.
- Extend sampling area under bed slightly if space allows.

Mark dimensions with tape and record the exact size on your data sheet.

Each additional room beyond the living and bedroom requires a separate dust collector.

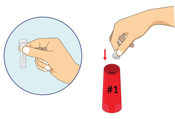
STEP 4
Collect the Dust Sample

Attach the Vacuum Dust Collector

1. Ensure the hose is working properly.
2. If the dust collector doesn't fit securely, use tape to attach it.
3. Remove both caps from the dust collector (save for later).
4. Attach the flat end to the vacuum hose.
5. Use the angled end to collect the sample.

Vacuum the Marked Area

- Turn on the vacuum and set your timer for 5 minutes.
- Use overlapping straight lines to vacuum the entire 18 sq ft.
- Avoid large debris or sucking up the tape.
- Move to the second room and repeat.
- After the final room, point the vacuum upward and turn it off.



Seal the Sample

- Re-cap both ends of the dust collector.
- Ensure visible dust is present inside.
- If not, repeat sampling in new locations.

If caps are lost, seal ends with duct tape.

STEP 5
Complete the Paperwork

Fill Out the Data Sheet

- Include sampling device number (found below barcode).
- Record sample locations and any adjustments to area size.
- Choose your desired turnaround time.
  - ▶ Standard: 5 Business Days (No extra cost)
  - ▶ Expedited: 2–3 Days, 1 Day, Same Day (Additional fee)

Repackage for Return

- Place dust collector and completed data sheet in the original box.
- Seal box with tape.

STEP 6
Ship Your Sample

Use the Prepaid Envelope Provided

- Send via standard mail or drop off at your local carrier.
- Ensure shipment occurs soon after testing.

Ship your sample promptly after collection to maintain accuracy and avoid delays in processing.

- This kit is designed for **residential use only.**
- Keep instructions for your records.
- If no visible dust is collected, the lab may be unable to process the sample.
- Contact EMSL with questions: **800.220.3675**

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

200 Route 130 North, Cinnaminson, NJ 08077
East Coast: **800-220-3675** • West Coast: **866-798-1089**
info@emsl.com

Keep Out of Reach of Children and Pets

©2025 EMSL Analytical, Inc.