



CDC AR Lab Network Requesting Isolates:

Aspergillus fumigatus



Testing for azole-resistance in *Aspergillus fumigatus* is now offered at the Tennessee Public Health Laboratory (TNPHL). The lab performs screening for azole resistance with supplemental testing and additional antifungal susceptibility testing when warranted. Results will be reported to submitting facilities as well as jurisdictional public health departments within 2 weeks of receiving the isolate. **Testing is available to all states at no cost, including shipping.**

Why submit *Aspergillus* isolates?

- The most common cause of aspergillosis, *Aspergillus fumigatus*, **can develop resistance to azoles.***
- Azole-resistant strains have been identified **in the United States.**
- The need for **awareness and action** by clinical and public health professionals is increasing.

Clinical, reference, public health labs submitting isolates:

- **Submit clonal isolates** (selected from a single colony) that have **already been identified as *Aspergillus fumigatus*** by any CLIA-approved method.
- Ship on **Sabouraud Dextrose agar slant.**
- **Prioritize isolates from invasive infections** as well as isolates that, if tested, **show resistance to azoles.**

Contact Tennessee Public Health Lab
in Nashville: ARLN.health@tn.gov

