

FACT SHEET

Fungus and Yeast Identification

Test Description:

The County of San Luis Obispo Public Health Laboratory will provide the most extensive identification of filamentous fungi or yeast possible while also providing results in a timely fashion. All isolates will be examined with a microscopic Lacto Phenol Cotton Blue mount upon arrival to the Public Health Laboratory; findings will be communicated as a preliminary report.

Specimens:

A pure culture an Isolate(s) of the fungus or yeast.

If more than one fungal or Yeast type, document with description on each identification request of the isolates that are to be identified. Any medium that supports the growth of the organism is acceptable.

- All cultures containers submitted should be securely taped and double bagged. Transport at refrigeration temperature.
- Provide Clinical information and patient history(if available) and the isolate source site
- Morphological and phenotypical culture characteristics resembling *Coccidioides* species will automatically be confirmed by DNA probe. *Coccidioides* isolates that are confirmed by DNA probe will be referred to the state laboratory for PCR-based identification to species (*Coccidioides immitis* or *C. posadasii*.)
- Isolates can be referred on request for anti-fungal susceptibility testing
- Suspect *Histoplasma capsulatum*, and *Blastomyces*, dermatitis that cannot be ruled out will be forwarded to the Orange County Public Health or State Health Department for definitive identification..

CPT codes:

Coccidioides DNA probe	87149
Mold identification	87107
Yeast identification	87106



San Luis Obispo County Public Health Laboratory

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