

TML/MSH Department of Microbiology Laboratory Policy & Procedure Manual	Policy #MI\BA\v04	Page 1 of 1
Section: Bacteria and Yeast Work-up		

YEAST IDENTIFICATION

Identify yeast as per site of isolation:

1) Sterile sites and biopsy specimens:

- a) Germ tube: **Positive** - Report as "*Candida albicans*" "isolated".
- b) Germ tube: **Negative** - Report as "Yeast" "isolated" "identification to follow" and send the isolate to Mycology for identification.

2) Respiratory sites isolates:

Significant growth – For sputum ($\geq 2+$ growth and predominant **OR** 1+ growth and predominant and if pus cells are seen on gram stain) OR for bronchoscopy specimen (amount greater than that of commensal flora):

- a) Germ tube: **Positive** - Report as "*Candida albicans*"
- b) Germ tube: **Negative** - Rule out Cryptococcus using Urease test. If Urease is negative, report as "Yeast, not *Candida albicans* or Cryptococcus". If Urease is positive, confirm purity, subculture isolate onto a SAB plate and send the SAB and original plate to Mycology for further identification ASAP.

Insignificant growth – i.e. any amount of yeast other than what has defined as significant growth.

Rule out Cryptococcus using Urease test. If Urease is negative, report as part of Commensal flora **without** specifically mentioning the presence of yeast. If Urease is positive, confirm purity, subculture isolate onto a SAB plate and send the SAB and original plate to Mycology for further identification ASAP.

3) Voided urines, superficial sites, wounds and drainage fluids:

No Germ tube performed. Report as "Yeast" with quantitation.

4) Isolates from all other sites:

- a) Germ tube: **Positive** - Report as "*Candida albicans*".
- b) Germ tube: **Negative** - Report as "Yeast, not *Candida albicans*".