

LAB ALERT: TEST ENHANCEMENT

NOTIFICATION DATE: 5/30/2013

EFFECTIVE DATE: 6/27/2013

PNA FISH YEAST TRAFFIC LIGHT

TEST CODE: BLDC

METHODOLOGY: Peptide nucleic acid fluorescence *in situ* hybridization (PNA FISH)

CLINICAL UTILITY: This assay is used in the identification of *Candida* species directly from positive blood culture bottles. Molecular probes allow simultaneous differentiation of *Candida albicans*, *Candida glabrata*, *Candida parapsilosis*, *Candida krusei*, and *Candida tropicalis* (the most common yeast recovered from blood cultures.) The assay can be performed in 2.5 hours (once the cultures becomes positive and yeast are seen on an initial Gram stain) greatly reducing the time for identification.

RESULTS REPORTED: Organisms that can be reported out include: *C. albicans*, *C. glabrata*, *C. parapsilosis*, *C. krusei*, and *C. tropicalis*.

If the PNA FISH is negative, results are reported as: Yeast, NOT *C. albicans* or *C. glabrata* or *C. parapsilosis* or *C. tropicalis* or *C. krusei*.

PERFORMED: This is NOT an orderable assay, but included in the work-up of a positive blood culture.

CPT CODE: 87149

PERFORMING LAB: med fusion

ORDER/CONTACT INFORMATION: med fusion Client Services: 972-966-7700 | Fax: 972-966-7799