

LAB ALERT: TEST ENHANCEMENT

NOTIFICATION DATE: 5/30/2013

EFFECTIVE DATE: 6/27/2013

VERIGENE MOLECULAR ASSAY FOR GRAM POSITIVE COCCI

TEST CODE: BLDC

METHODOLOGY: Multiplexed DNA probe hybridization-signal amplification microarray

CLINICAL UTILITY: This assay is used for rapid identification of gram positive cocci and select resistance markers from blood culture bottles positive for gram positive cocci as determined by the gram stain. The assay has a turn-around-time of 3 hours from the time gram positive cocci are identified on the gram stain from a positive blood culture bottle, thereby greatly reducing the time to identification. Verigene testing does not affect the normal culture workup and routine identification and susceptibility testing.

NOTE: *Up to 5% of the samples may have to be repeated which will affect the TAT*

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

RESULTS REPORTED: Identification and resistance profiles that can be reported out include:

- *Staphylococcus aureus*, Methicillin Resistant *S. aureus*, *S. epidermidis*, Methicillin Resistant *S. epidermidis*, *S. lugdunensis*, Coagulase negative Staphylococcus NOT *S. epidermidis* or *S. lugdunensis*
- *Enterococcus faecium*, Vancomycin Resistant *E. faecium*, *E. faecalis*, Vancomycin Resistant *E. faecalis*
- Beta-hemolytic streptococcus Group A (*S. pyogenes*), Beta-hemolytic streptococcus Group B (*S. agalactiae*), *S. pneumoniae*, *S. anginosus* group, Streptococcus species NOT *S. pyogenes*, *S. agalactiae*, *S. pneumoniae* or *S. anginosus* group
- *Listeria* spp.
- NEGATIVE result for Verigene will be reported out as: Following genera or species NOT DETECTED: *Staphylococcus*, *Streptococcus*, *Listeria*, *Enterococcus faecium* and *Enterococcus faecalis*.

NOTE: *Mixed cultures (≥2 gram positive organisms) can be detected by this assay, if all of them are present in equal concentrations. Mixed gram positive cultures with unequal concentrations may only identify the predominant organism.*

CPT CODE: 87149

PERFORMING LAB: med fusion

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