

Total Homocysteine	≥ 30	μmol/L	Intentionally left blank		
Age specific	HVA/Creatinine ratio (HVAC) HVA/Total Volume ratio (HVTV) VMA/Creatinine ratio (VMCR) VMA/Total Volume ratio(VMTV)		Vancomycin	Pre-dose >20 Post-dose >50	μg/mL
LEADS			REFERENCE LABORATORY TESTS		
Lead	≥25	μg/dL	If a result is deemed alert by a reference laboratory the ordering provider will be notified and documented as the other alert values listed above.		

MICROBIOLOGY

1. Any positive direct smear or culture result from an abscess specimen, except appendices.
2. Any positive AFB direct smear or culture.
3. Any positive fungal direct smear or culture (exception – dermatophytes and yeast)
4. Any positive EHEC result.
5. Any positive viral or Chlamydia direct test or culture.
6. Any positive PCR result.
7. Any positive GenProbe result (CT,GC, GAS, Mtb)
8. Any stool culture positive for Salmonella, Shigella, Yersinia, Campylobacter, Escherichia coli O157, Aeromonas, Edwardsiella, or Plesiomonas.
9. Any culture positive for Neisseria gonorrhoeae.
10. Any culture positive for group A beta hemolytic streptococci.
11. Any positive result for Clostridium difficile.
12. Any repeat sterile body fluid or tissue specimen (except Group A and Group B urines, BAL, bronchoscopy, sinus specimens) from the same source with the same organism that were already called as critical.
13. Positive direct antigen tests for Group A Strep, Influenza A or B, and RSV.
14. Pseudomonas aeruginosa or Bacillus sp. from eye cultures.
15. 1st B cepacia isolate on a CF patient.
16. Positive shunt hardware culture only if shunt fluid (CSF) has not previously grown same organism.
17. Positive IV cath tip culture only if blood cultures (BC) have not previously grown same organism.
18. Direct Gram stain result from a male GU site suggestive of Neisseria gonorrhoeae (after review with supervisory staff)
19. Breast Milk culture (call pt location) positive for
 - a. greater than 100,000 cfu/cc of any type
 - b. any quantity of S. aureus, Gram negative rods, beta-Strep, or Enterococcus

SEROLOGY:

1. Any positive IgM antibody result
2. Initial positive HIV and HCV serology results.