

## Vancomycin



<b>Alternate Name:</b>	None
<b>Performing Lab:</b>	New Hanover and Cape Fear
<b>Specimen Container:</b>	Red top tube
<b>Minimum Volume Required:</b>	1.0 mL
<b>Testing Availability</b>	<b>Routine:</b> 24 hours/day <b>Stat:</b> Yes
<b>Turnaround Time:</b>	Routine: 4 hours Stat: < 1 hour
<b>Special Handling:</b>	Trough: Draw just prior to next dose
<b>Patient Preparation:</b>	None
<b>Specimen Stability:</b>	
<b>Reference Range:</b>	Trough: 5.0 – 15.0 ug/mL
<b>Critical Value:</b>	Trough: >15.0 ug/mL
<b>CPT Code:</b>	80202
<b>Testing Methodology:</b>	Competitive Binding using Chemiluminest Immunoassay
<b>Causes for Specimen Rejection:</b>	Improper labeling
<b>Other Comments:</b>	
<b>Clinical Significance:</b>	Vancomycin is an antibiotic used in the treatment of serious bacterial infections, especially methicillin-resistant staphylococci. Vancomycin is also used in treatment for penicillin-allergic patients who cannot receive or have failed to respond to other drugs, including the penicillins and/or cephalosporins and for other infections caused by vancomycin-susceptible organisms.