



MEMO

To: All Regional Medical Laboratory Clients

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Subject: Vancomycin ranges, ordering and reporting

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The new therapeutic ranges for Vancomycin, effective immediately, will be 15-20 mg/L and greater than 25 mg/L being a critical or toxic level at which the ordering physician will receive a notification. **New guidelines** by the Infectious Disease Society of America (IDSA) **do not recommend monitoring Vancomycin peaks.** Also, IDSA guidelines recommend that the only time a random Vancomycin level be performed is on a patient undergoing dialysis. The new guidelines also recommend a trough level to be drawn immediately before the fifth dose.

Test Name: **Vancomycin Trough**
Order Mnemonic: **VANCO TROU**
Test Number: **4005950**

Reference Range

Therapeutic levels: 15-20 mg/L
Elevated levels: 20-25 mg/L
Critical level: >25 mg/L

Specimen Required Plasma Lithium Heparin PST (light green top).
Send 1 mL frozen plasma (0.5 mL minimum)

CPT codes: 80204

Test Name: **Vancomycin Random**
Order Mnemonic: **VANCOMYCIN**
Test Number: **4005780**

Reference Range

Therapeutic levels: 15-20 mg/L
Elevated levels: 20-25 mg/L
Critical level: >25 mg/L

Specimen Required Plasma Lithium Heparin PST (light green top).
Send 1 mL frozen plasma (0.5 mL minimum)

CPT codes: 80204