

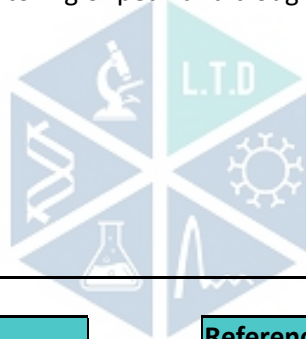
# Amikacin

Test ID: 236

CPT: 80150

## Clinical Significance

Amikacin - Amikacin is an aminoglycoside antibiotic used in the treatment of gram-negative bacillary infections. Amikacin is potentially nephrotoxic and ototoxic and serial monitoring of peak and trough serum levels provides information to maintain safe and therapeutic levels.



## Test Details

**Components:** Amikacin

**Methodology:** Immunoassay (IA)

## Reference Range

Amikacin, Peak 20.0-30.0 mg/L  
Amikacin, Trough 4.0-8.0 mg/L

## Container

Red-top tube (no gel)  
Alternative Specimen(s):  
Plasma collected in Fluoride oxalate (gray-top) tube or EDTA (lavender-top) tube

## Transport Temperature

Room temperature

## Specimen(s)

1 mL serum  
Minimum Volume: 0.2 mL

## Specimen Stability

Room temperature: 7 days  
Refrigerated: 7 days  
Frozen: 7 days

## Reject Criteria

Serum Separator Tube (SST®) •  
Heparin plasma

## Days Performed

## Collection Instructions

Collect **trough** just prior to next dose. Collect **peak** at end of 60 minute IV infusion **or** 30 minutes after end of 30 minute IV infusion **or** 60 minutes after IM dose.

\*The CPT codes provided are based on AMA guidance and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.