

**Reporting Title:** Amikacin, Random, S  
**Performing Location:** Rochester

**Ordering Guidance:**  
Specimen for a peak level should be collected 30 to 60 minutes after last dose; order PAMIK / Amikacin, Peak, Serum.

Specimen for a trough level should be collected immediately before next scheduled dose; order TAMIK / Amikacin, Trough, Serum.

**Specimen Requirements:**  
**Collection Container/Tube:**  
**Preferred:** Serum gel  
**Acceptable:** Red top  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 0.5 mL  
**Collection Instructions:**

- 1. Serum gel tubes should be centrifuged within 2 hours of collection.
- 2. Red-top tubes should be centrifuged, and the serum aliquoted into a plastic vial within 2 hours of collection.

**Forms:**  
If not ordering electronically, complete, print, and send a [Therapeutics Test Request](#) (T831) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	
	Frozen	28 days	
	Ambient	72 hours	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
RAMIK	Amikacin, Random, S	Numeric	mcg/mL	35669-1

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**  
No

**CPT Code Information:**  
80150

**Reference Values:**  
Peak: 20.0-35.0 mcg/mL  
Toxic peak: >40.0 mcg/mL  
Trough: <8.0 mcg/mL

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Toxic trough:>10.0 mcg/mL