

**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.

**Specimen Minimum Volume:**

0.25 mL

**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: &gt;40.0 mcg/mL

Trough: &lt;8.0 mcg/mL

Toxic trough: &gt;10.0 mcg/mL