

TOBRAMYCIN
SERUM/
PLASMSA

Orderable - TOB TOBA-pre TOBB-post

Turn Around Time: 8 hours

Alternate Name(s):

Aminoglycosides

Specimen:

Adult	Pediatric
4.5 mL Green top Vacutainer tube	0-2 years: 0.5 mL Green Microtainer 2-10 years: 2 mL Green top tube
Serum from a 5 mL Gold top or 6 mL Red top Vacutainer tube is also acceptable.	

Collection Information:

Minimum volume of serum/plasma required is 1 mL.

Minimum volume of blood required for a pediatric sample is 0.5 mL.

Trough specimens are to be drawn immediately before a dose is administered.

Peak specimens should be drawn 30 minutes after an IV injection, 60 minutes after an IM injection, 30 minutes after the end of a 30 minute IV infusion (time frames are longer if the patient is renally compromised).

Reference Ranges:

Therapeutic Range	
Trough (Pre-Dose):	< = 1.4 mg/L
Peak (Post-Dose):	6-10 mg/L



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzyme immunoassay
(EIA)



Test Schedule:
Daily

TOBRAMYCIN
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Toxic Levels	
Trough (Pre-Dose):	> 1.8 mg/L
Peak (Post-Dose):	> 10 mg/L

Interpretive Comments:

To convert from mg/L to umol/L multiply the number by 2.14

Storage and Shipment:

Separate and freeze.

Specimens not tested immediately should be refrigerated as soon as possible and frozen for shipment within 24 hours.