

Reporting Title: Theophylline, S
Performing Location: Rochester

Specimen Requirements:

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®
8661	Theophylline, S	Numeric	mcg/mL	4049-3

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

Supplemental Report:

No

CPT Code Information:

80198

Reference Values:

Therapeutic:
Bronchodilation: 8.0-20.0 mcg/mL
Neonatal apnea (< or =4 weeks old): 6.0-13.0 mcg/mL
Critical value: >20.0 mcg/mL