

Reporting Title: Valproic Acid, Free and Total, S**Performing Location:** Rochester**Specimen Requirements:**

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 2 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:

1 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®
VALPF	Valproic Acid, Free, S Also used by tests: VALPF	Numeric	mcg/mL	4087-3
VALPA	Valproic Acid, Tot, S Also used by tests: VALPA	Numeric	mcg/mL	4086-5

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
VALPF	Valproic Acid, Free, S			Yes	Yes
VALPA	Valproic Acid, Tot, S			Yes	Yes

CPT Code Information:

VALPA-80164

VALPF-80165

Reference Values:

VALPROIC ACID, TOTAL

Therapeutic: 50 (trough)-125 (peak) mcg/mL

Critical value: > or =151 mcg/mL

VALPROIC ACID, FREE

Therapeutic: 5-25 mcg/mL

Critical value: >30 mcg/mL