

**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.

**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®
VALPA	Valproic Acid, Tot, S	Numeric	mcg/mL	4086-5
VALPF	Valproic Acid, Free, S	Numeric	mcg/mL	4087-3

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

**Supplemental Report:**

No

**Components:**

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
VALPF	Valproic Acid, Free, S	1	80165	Yes	Yes
VALPA	Valproic Acid, Tot, S	1	80164	Yes	Yes

**CPT Code Information:**

VALPA-80164

VALPF-80165

**Reference Values:**

**VALPROIC ACID, TOTAL**

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

Critical value: &gt; or =151 mcg/mL

**VALPROIC ACID, FREE**

Therapeutic: 5-25 mcg/mL

Critical value: &gt;30 mcg/mL