

Reporting Title: Carbamazepine Profile, S

Performing Location: Rochester

Specimen Requirements:

- Container/Tube: Red top
- Specimen Volume: 2 mL
- Submission Container/Tube: Plastic vial
- Collection Instructions:

1. Draw blood 12 hours (trough value) after last dose.
2. Centrifuge and aliquot serum 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 Red	Refrigerated (preferred)	7 days	
	Frozen	28 days	
	Ambient	48 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
7467	Carb-10,11-Epoxyde, S	Numeric	mcg/mL	9415-1
CARTA	Carbamazepine, Tot, S	Numeric	mcg/mL	3432-2
CARF	Carbamazepine, Free, S	Numeric	mcg/mL	3433-0

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
CARTA	Carbamazepine, Tot, S	1	80156	Yes	Yes
1011E	Carb-10,11-Epoxyde, S	1	80299	Yes	No
CARF	Carbamazepine, Free, S	1	80157	Yes	Yes

CPT Code Information:

- 80156-Carbamazepine, total
- 80157-Carbamazepine, free
- 80161-Carbamazepine-10,11-Epoxyde

Reference Values:

CARBAMAZEPINE, TOTAL

Therapeutic: 4.0-12.0 mcg/mL

Critical value: > or =15.0 mcg/mL

CARBAMAZEPINE-10,11-EPOXIDE

Therapeutic: 0.4-4.0 mcg/mL

Toxic concentration: > or =8.0 mcg/mL

CARBAMAZEPINE, FREE

Therapeutic: 1.0-3.0 mcg/mL

Critical value: > or =4.0 mcg/mL