Test Definition: CITR

Citrate Excretion, Urine

Reporting Title: Citrate Excretion, U
Performing Location: Rochester

Specimen Requirements:

Container/Tube: Plastic, 6-mL tube (Supply T465)
Specimen Volume: 5 mL
Collection Instructions:
1. Collect urine for 24 hours.
2. Add 10 g of boric acid as preservative at start of collection.
3. Any drug that causes alkalemia or acidemia may be expected to alter citrate excretion and should be avoided, if possible.
4. Mix well before taking 5-mL aliquot.
Additional Information:
1. Patient's age and 24-hour volume are required.
2. See Urine Preservatives in Special Instructions for multiple collections.

Urine Preservative Collection Options
Ambient No
Refrigerated Yes
Frozen Yes
6N HCl Yes
50% Acetic Acid Yes
Na2CO3 No
Toluene Yes
6N HNO3 Yes
Boric Acid Preferred
Thymol Yes

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	7 days
	Frozen	7 days

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
CITR	TM51	Collection Duration	Plain Text	Yes
CITR	VL49	Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CITRT	Citrate Excretion, U	Numeric	mg/spec	6687-8
TM51	Collection Duration	Alphanumeric	h	13362-9
VL49	Urine Volume	Numeric	mL	3167-4
CITC1	Citrate Concentration	Numeric	mg/dL	21203-5

CPT Code: 1 × 82507

Reference Values:

0-19 years: not established
20 years: 150-1,191 mg/specimen
21 years: 157-1,191 mg/specimen
22 years: 164-1,191 mg/specimen
23 years: 171-1,191 mg/specimen
24 years: 178-1,191 mg/specimen
25 years: 186-1,191 mg/specimen
26 years: 193-1,191 mg/specimen
27 years: 200-1,191 mg/specimen
28 years: 207-1,191 mg/specimen
29 years: 214-1,191 mg/specimen
30 years: 221-1,191 mg/specimen
31 years: 228-1,191 mg/specimen
32 years: 235-1,191 mg/specimen
33 years: 242-1,191 mg/specimen
34 years: 250-1,191 mg/specimen
35 years: 257-1,191 mg/specimen
36 years: 264-1,191 mg/specimen
37 years: 271-1,191 mg/specimen
38 years: 278-1,191 mg/specimen
39 years: 285-1,191 mg/specimen
40 years: 292-1,191 mg/specimen
41 years: 299-1,191 mg/specimen
42 years: 306-1,191 mg/specimen
43 years: 314-1,191 mg/specimen
44 years: 321-1,191 mg/specimen
45 years: 328-1,191 mg/specimen
46 years: 335-1,191 mg/specimen
47 years: 342-1,191 mg/specimen
48 years: 349-1,191 mg/specimen
49 years: 356-1,191 mg/specimen
50 years: 363-1,191 mg/specimen
51 years: 370-1,191 mg/specimen
52 years: 378-1,191 mg/specimen

53 years: 385-1,191 mg/specimen
54 years: 392-1,191 mg/specimen
55 years: 399-1,191 mg/specimen
56 years: 406-1,191 mg/specimen
57 years: 413-1,191 mg/specimen
58 years: 420-1,191 mg/specimen
59 years: 427-1,191 mg/specimen
60 years: 434-1,191 mg/specimen
>60 years: not established