MAYO CLINIC LABORATORIES

Test Definition: FCPEU

C-Peptide, 24-Hour Urine

Overview

Useful For

Method Name
Electrochemiluminescence Immunoassay (ECLIA)

NY State Available
Yes

Specimen

Specimen Type
Urine 24hr

Necessary Information
24-Hour volume (in milliliters) is required.

Specimen Required
Patient Preparation: It is recommended to ask all patients who may be indicated for this test about biotin supplementation. Patients should be cautioned to stop biotin consumption at least 72 hours prior to specimen collection.
Collection Container/Tube: Clean, plastic 24-hour urine collection container.
Submission Container/Tube: Plastic urine container
Specimen Volume: 10 mL
Collection Instructions:
1. Instruct the patient to void at 8 a.m. and discard the specimen.
2. Collect all urine including the final specimen voided at the end of the 24-hour collection period (ie, 8 a.m. the next morning) in a 24-hour urine collection container. pH should be between 4 and 7.
3. Refrigerate specimen during the 24-hour collection.
4. Aliquot and send 10 mL urine in a plastic urine container frozen.
5. **24-Hour collection volume is required**.

Specimen Minimum Volume
1 mL; Note: This volume does not allow for repeat testing.

Reject Due To

pH <3 or pH >8	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Urine 24hr	Frozen (preferred)	14 days	
	Refrigerated	14 days	

Clinical & Interpretive

Clinical Information
Refer to www.labcorp.com/test-menu/

Reference Values
C-Peptide, Urine: Not Established

C-Peptide, Urine 24 hr: 17.2-181.0 ug/24 hr

Cautions
This test may exhibit interference when sample is collected from a person who is consuming a supplement with a high dose of biotin (also termed as vitamin B7 or B8, vitamin H, or coenzyme R). It is recommended to ask all patients who may be indicated for this test about biotin supplementation. Patients should be cautioned to stop biotin consumption at least 72 hours prior to the collection of a sample.

Performance

PDF Report
No

Day(s) Performed
Monday through Saturday

Report Available
4 to 8 days

Performing Laboratory Location
LabCorp Burlington

Fees & Codes

Fees
- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.

- Prospective clients should contact their account representative. For assistance, contact Customer Service.

CPT Code Information

84681

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FCPEU	C-Peptide, 24-Hour Urine	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z6358	C-Peptide, Urine	1987-7
Z6359	C-Peptide, Urine 24hr	27944-8
Z6360	Urine Volume (Milliliters)	Not Provided