



# 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/](http://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.

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- 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        |