

Reporting Title: Retinol-Binding Protein, 24-Hour, U

Performing Location: Rochester

Necessary Information:

24-Hour volume (in milliliters) is required.

Specimen Requirements:

Container/Tube: Plastic, 5-mL tube

Specimen Volume: 5 mL

Collection Instructions:

1. Collect urine for 24 hours.
2. No preservative.
3. Mix well before taking 5-mL aliquot.

Additional Information:

See [Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens](#) for multiple collections.

Forms:

If not ordering electronically, complete, print, and send a [Renal Diagnostics Test Request](#) (T830) with the specimen.

Urine Preservative Collection Options:

**Note:** The addition of preservative or application of temperature controls **must occur within 4 hours of completion** of the collection.

|                      |           |
|----------------------|-----------|
| Ambient              | No        |
| Refrigerate          | Preferred |
| Frozen               | OK        |
| 50% Acetic Acid      | No        |
| Boric Acid           | OK        |
| Diazolidinyl Urea    | No        |
| 6M Hydrochloric Acid | No        |
| 6M Nitric Acid       | No        |
| Sodium Carbonate     | No        |
| Thymol               | No        |
| Toluene              | No        |

| Specimen Type | Temperature              | Time   | Special Container |
|---------------|--------------------------|--------|-------------------|
| Urine         | Refrigerated (preferred) | 7 days |                   |
|               | Frozen                   | 7 days |                   |

Ask at Order Entry (AOE) Questions:

| Test ID | Question ID | Description         | Type       | Reportable |
|---------|-------------|---------------------|------------|------------|
| CRT24   | TM10        | Collection Duration | Plain Text | Yes        |
| CRT24   | VL8         | Urine Volume        | Plain Text | Yes        |

Result Codes:

| Result ID | Reporting Name                      | Type    | Unit     | LOINC®  |
|-----------|-------------------------------------|---------|----------|---------|
| TM10      | Collection Duration                 | Numeric | h        | 13362-9 |
| VL8       | Urine Volume                        | Numeric | mL       | 3167-4  |
| CR_A      | Creatinine, 24 HR, U                | Numeric | mg/24 h  | 2162-6  |
| CR_24     | Creatinine Concentration, 24 HR, U  | Numeric | mg/dL    | 20624-3 |
| RBP1      | Retinol-Binding Protein, 24-Hour, U | Numeric | mcg/24 h | 18362-4 |
| RBPCN     | Retinol-Binding Protein Conc        | Numeric | mcg/L    | 96406-4 |

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 |
|---------|-------------------------------------|-----------|----------|------------------|----------------------|
| RBP1    | Retinol-Binding Protein, 24-Hour, U |           |          | Yes              | No                   |
| RBPCN   | Retinol-Binding Protein Conc        | 1         | 83883    | Yes              | No                   |
| CRT24   | Creatinine, 24 HR, U                |           |          | Yes              | Yes, (order CTU)     |

CPT Code Information:

83883

Reference Values:

Retinol-Binding Protein:

> or =18 years of age: <273 mcg/24 hour

Reference values have not been established for patients who are less than 18 years of age.

Creatinine:

Males > or =18: 930-2955 mg/24 hours

Females > or =18: 603-1783 mg/24 hours

Reference values have not been established for patients who are less than 18 years of age.