

Reporting Title: Orthostatic Protein, U
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:
This collection process requires 2 separate urine collections within a 24-hour period.

Collect specimen per instructions in [Orthostatic Protein Measurement 24-Hour Urine: Collection Site Instructions](#) (T546) in Special Instructions.

Necessary Information:
This collection process requires 2 separate urine collections within a 24-hour period.
-Submit start and end times for collection and 16-hour volume (required).
-Submit start and end times for collection and 8-hour volume (required).

Specimen Requirements:
Specimens should be collected before fluorescein is given or not collected until at least 24 hour later.

Supplies: 2 Sarstedt 5 mL Aliquot Tube (T914)

Daytime Collection

Container/Tube: Plastic, 5-mL tube

Specimen Volume: 4 mL

Collection Instructions:

1. Collect a 16-hour (daytime) urine specimen.
2. No preservative.
3. Invert well before taking 4-mL aliquot.
4. Do not over fill aliquot tube 4 mL at most.
5. Collect specimen per instructions in [Orthostatic Protein Measurement 24-Hour Urine: Collection Site Instructions](#) (T546) in Special Instructions.

Nighttime (Supine) Collection

Container/Tube: Plastic, 5-mL tube

Specimen Volume: 4 mL

Collection Instructions:

1. Collect an 8-hour (nighttime) urine specimen.
2. No preservative.
3. Invert well before taking 4-mL aliquot at most.

Forms:

1. [Orthostatic Protein Measurement 24-Hour Urine: Patient Collection Instructions](#) in Special Instructions
2. If not ordering electronically, complete, print, and send a [Renal Diagnostics Test Request](#) (T830) with the specimen.

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	14 days	
	Ambient	24 hours	
	Frozen	30 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
DOPTU	DUR4	Daytime collection duration	Plain Text	Yes
NOPTU	DUR7	Nighttime collection duration	Plain Text	Yes
DOPTU	DVOL	Day volume	Plain Text	Yes
NOPTU	VL	Night volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
DPTU	Total Protein, 16 HR, U	Numeric	mg/16 h	49002-9
DUR4	Daytime collection duration	Numeric	h	13362-9
DVOL	Day volume	Numeric	mL	19153-6
DPRO	Total Protein Conc, 16 HR, U	Numeric	mg/dL	35663-4
NPTU	Total Protein, 8 HR, U	Numeric	mg/8 h	50209-6
DUR7	Nighttime collection duration	Numeric	h	13362-9
VL	Night volume	Numeric	mL	19153-6
NPRO	Total Protein Conc, 8 HR, U	Numeric	mg/dL	35663-4

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
DOPTU	Daytime Orthostatic Protein, U	1	84156	Yes	No
NOPTU	Nighttime Orthostatic Protein, U	1	84156	Yes	No

CPT Code Information:

84156 x 2

Reference Values:

Nighttime (supine) collection: <68 mg/8 hours

Reference values have not been established for patients <18 years of age.

Daytime collection: <197 mg/16 hours

Reference values have not been established for patients <18 years of age