

Reporting Title: Immunoglobulin Total Light Chains,U
Performing Location: Rochester

Ordering Guidance:
If serum is being submitted on the same patient for FLCS / Immunoglobulin Free Light Chains, Serum; that test should be ordered under a different order number.

Specimen Requirements:
Submit only 1 of the following specimens:
Supplies: Urine Tubes, 10 mL (T068)

Specimen Type: Random urine
Container/Tube: Plastic, 10-mL urine tube
Specimen Volume: 1 mL
Collection Instructions: Collect a random urine specimen.

Specimen Type: 24-Hour urine
Container/Tube: Plastic, 10-mL urine tube
Specimen Volume: 1 mL
Collection Instructions: Collect urine for 24 hours.
Additional Information: See [Urine Preservatives-Collection and Transportation for 24-Hour Urine Specimens](#) for multiple collections.

Forms:

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	OK <72 hours
Refrigerate	Preferred
Frozen	OK
50% Acetic Acid	No
Boric Acid	No
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	20 days	
	Ambient	72 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
KLTRU	Kappa/Lambda TLC Ratio, U	Numeric		33559-6
KTLCU	Kappa Total Light Chain, U	Numeric	mg/dL	27365-6
LTLCU	Lambda Total Light Chain, U	Numeric	mg/dL	27394-6

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
KTLCU	Kappa Total Light Chain, U			Yes	No
LTLCU	Lambda Total Light Chain, U			Yes	No
KLTRU	Kappa/Lambda TLC Ratio, U			Yes	No

CPT Code Information:

83883 x 2

Reference Values:

KAPPA TOTAL LIGHT CHAIN
<0.9 mg/dL

LAMBDA TOTAL LIGHT CHAIN
<0.7 mg/dL

KAPPA/LAMBDA RATIO
0.7-6.2