

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/2/1940
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Immunofixation with Free Light Chains, Quantitative, Urine

ARUP test code 3002104

Hours Collected	Random hr
Total Volume	Random mL
Total Protein	See Note mg/d (Ref Interval: <=150) Total Protein = 155.85 mg/L based on random urine. Reference intervals not applicable for random urines. INTERPRETIVE INFORMATION: Total Protein Total urinary protein is determined turbidimetrically by adding the albumin and kappa and/or lambda light chains. This value may not agree with the total protein as determined by chemical methods, which characteristically underestimate urinary light chains.
Free Urinary Kappa Light Chains	43.82 mg/L H (Ref Interval: 0.00-32.90) INTERPRETIVE INFORMATION: Free Urinary Kappa Light Chains Undetected antigen excess is a rare event but cannot be excluded. Free light chain results should always be interpreted in conjunction with other clinical and laboratory findings.
Free Urinary Kappa Excretion/Day	See Note mg/d Unable to quantitate free light chain excretion per day on a random urine sample.
Free Urinary Lambda Light Chain	112.03 mg/L H (Ref Interval: 0.00-3.79) INTERPRETIVE INFORMATION: Free Urinary Lambda Light Chain Undetected antigen excess is a rare event but cannot be excluded. Free light chain results should always be interpreted in conjunction with other clinical and laboratory findings.
Free Urinary Lambda Excretion/Day	See Note mg/d Unable to quantitate free light chain excretion per day on a random urine sample.

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

IFE Interpretation

See Note

Urine is **POSITIVE** for monoclonal Free Lambda Light chains (Bence Jones Protein).

INTERPRETIVE INFORMATION: IFE with Free Light Chains, Quant, Urine

Results of urine free light chain testing can be used to monitor disease progression or response to therapy in patients for whom urine electrophoresis is unable to provide reliable Bence Jones Protein quantification. The results of urine kappa and lambda free light chain quantitative values may be misleading in specimens with high levels of urinary polyclonal free light chains, and absent Bence Jones protein by immunofixation; therefore correlation with urine immunofixation is required to identify inconsistent results.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 4:06:00 AM
Total Volume	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 4:06:00 AM
Total Protein	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 5:07:00 AM
Free Urinary Kappa Light Chains	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 5:07:00 AM
Free Urinary Kappa Excretion/Day	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 5:07:00 AM
Free Urinary Lambda Light Chain	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 5:07:00 AM
Free Urinary Lambda Excretion/Day	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 5:07:00 AM
IFE Interpretation	22-049-106825	2/18/2022 10:08:00 AM	2/20/2022 4:13:49 PM	2/21/2022 5:07:00 AM

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-049-106825
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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