



| Procedure | Result | Units | Ref Interval | Accession | Collected | Received | Reported/Verified |
|---|----------------|-----------|--------------|---------------|--------------------|--------------------|--------------------|
| Hours Collected | Random | hr | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Total Volume | Random | mL | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Total Protein, Urine-per volume | 43 | mg/dL | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Urine 24 Hour Protein | Not Applicable | mg/d | [40-150] | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Albumin %, Urine | 21.8 | % | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Alpha-1 %, Urine | 5.0 | % | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Alpha-2 %, Urine | 3.9 | % | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Beta Globulin %, Urine | 8.3 | % | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Gamma Globulin %, Urine | 61.0 | % | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Paraprotein %, Urine | 24.6 | % | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| Paraprotein Excretion/24 Hour | Not Applicable | mg/24 hrs | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| IFE Interpretation | See Note | f | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |
| EER Monoclonal Protein Study, 24 Hour U | See Note | f | | 19-360-900039 | 26-Dec-19 12:26:00 | 26-Dec-19 12:26:00 | 26-Dec-19 13:44:33 |

26-Dec-19 12:26:00 IFE Interpretation:
 M Spike in the gamma region. The monoclonal protein peak accounts for 24.6% of the urine total protein. The paraprotein excretion/day cannot be calculated on a random urine specimen. Urine IFE is positive for Monoclonal free lambda light chains (Bence Jones Protein). This test has been reviewed and approved by Julio Delgado, M.D., M.S.

26-Dec-19 12:26:00 EER Monoclonal Protein Study, 24 Hour U:
 Access ARUP Enhanced Report using either link below:

-Direct access: [REDACTED]

-Enter Username, Password: [REDACTED]

Username: [REDACTED]

Password: [REDACTED]

26-Dec-19 12:26:00 Urine 24 Hour Protein:
 INTERPRETIVE INFORMATION: Total Protein - mg/day
 Total urine protein measurement using this method characteristically underestimates urinary light chains.

* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab