

Aluminum, Urine

ORDERABLE: ALUU / ALU24

[Test Details](#)

[Additional Information](#)

[For Lab Staff Only](#)

TEST DETAILS

ALTERNATE NAME (S):

N/A

SPECIMEN:

24-hour urine collected in an unused 24-hour urine container or random urine

COLLECTION INFORMATION:

[TRACE ELEMENT COLLECTION REQUIREMENTS](#)

CRITICAL INFORMATION REQUIRED:

N/A

TURNAROUND TIME FROM WHEN SPECIMEN IS RECEIVED IN TESTING LABORATORY:

| | |
|---------|------|
| Routine | STAT |
| 10 days | N/A |

REQUISITION:

Electronic order

LABORATORY:

Trace Elements

TEST SCHEDULE:

Batched analysis

ADDITIONAL INFORMATION

REFERENCE RANGE:

Reference Ranges are based on Non-Occupationally exposed population.

SI Units:

Random Urine: 0-0.63 $\mu\text{mol/L}$

| $\mu\text{mol/mol creatinine}$ | | |
|--------------------------------|---------|--------|
| Age | Female | Male |
| 0-11 | 0-75.0 | 0-71.6 |
| 12-19 | 0-45.7 | 0-44.4 |
| 20-29 | 0-51.6 | 0-39.4 |
| 30-39 | 0-62.4 | 0-46.0 |
| 40-49 | 0-74.1 | 0-48.5 |
| 50-59 | 0-87.5 | 0-55.8 |
| 60-69 | 0-86.3 | 0-58.3 |
| 70-79 | 0-90.0 | 0-63.0 |
| ≥ 80 | 0-110.5 | 0-71.6 |

24 Hour Urine: 0-0.93 $\mu\text{mol/d}$

Conventional Units:

Random Urine: 0-17.0 $\mu\text{g/L}$

| $\mu\text{g/g creatinine}$ | | |
|----------------------------|--------|--------|
| Age | Female | Male |
| 0-11 | 0-17.9 | 0-17.1 |
| 12-19 | 0-10.9 | 0-10.6 |
| 20-29 | 0-12.3 | 0-9.4 |
| 30-39 | 0-14.9 | 0-11.0 |
| 40-49 | 0-17.7 | 0-11.6 |
| 50-59 | 0-20.9 | 0-13.3 |
| 60-69 | 0-20.6 | 0-13.9 |
| 70-79 | 0-21.5 | 0-15.0 |
| ≥ 80 | 0-26.4 | 0-17.1 |

24 Hour Urine: 0-25.1 $\mu\text{g/d}$

CRITICAL VALUE:

N/A

INTERPRETIVE COMMENTS:

Find Interpretive Comment and Clinical Information [here](#):

METHOD OF ANALYSIS:

High Resolution Sector Field Inductively Coupled Mass Spectrometry

[HR-SF-ICP-MS](#)

FOR LAB STAFF ONLY

SPECIAL PROCESSING:

N/A

SPECIMEN STABILITY:

N/A

STORAGE AND SHIPMENT:

N/A

REFERRED OUT TO:

N/A

COMMENTS:

N/A