

CALCIUM, URINE:

Random and 24-hour
collection (tested by
Trace Elements Lab)

Orderable – CAUTE / CAU24TE

Turnaround Time: 10 days

Specimen:

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

Collection Information:

[Trace Elements Collection Requirements](#)

Reference Ranges:

SI Units:

Random Urine:
1.7-5.0 mmol/L

mmol/mol creatinine		
Age	Female	Male
0-11	189-594	189-567
12-19	121-362	117-351
20-29	137-409	104-312
30-39	165-494	122-364
40-49	196-587	128-384
50-59	231-693	147-442
60-69	228-684	154-462
70-79	238-713	167-499
≥80	292-875	189-567

24 Hour Urine:
2.5-7.5 mmol/d

Conventional Units:

Random Urine:
67-200 mg/L



Laboratory:
Trace Elements Lab



Requisition:
TRACE ELEMENTS
REQUISITION



Method of Analysis:
High Resolution Sector
Field Inductively Coupled
Mass Spectrometry
[HR-SF-ICP-MS](#)



Test Schedule:
Batched analysis

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mg/g creatinine		
Age	Female	Male
0-11	70-211	67-201
12-19	43-128	42-125
20-29	48-145	37-110
30-39	58-175	43-129
40-49	69-208	45-136
50-59	82-246	52-156
60-69	81-242	55-164
70-79	84-253	59-177
≥80	104-310	67-201

24 Hour Urine:
100-301 mg/d

Reference Ranges are based on Non-Occupationally exposed population.

Interpretive Comments:

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

Specimen Stability:

Ambient: 14 days
Refrigerated: 11 months
Frozen: 11 months