

MAGNESIUM,
URINE
(tested in Trace
Elements)

Orderable – MGUTE / MGU₂₄TE

Turn Around Time: 10 days

Specimen:

24-hour urine collected in new 24-hour urine container or random urine

Collection Information:

[Trace Elements Collection Requirements](#)

Reference Ranges:

SI Units:

Random Urine:
0.6-4.9 mmol/L

μmol/mol creatinine		
Age	Female	Male
0-11	70-587	70-560
12-19	45-357	43-347
20-29	51-404	39-308
30-39	61-488	45-360
40-49	73-580	47-379
50-59	86-685	55-436
60-69	84-676	57-457
70-79	88-705	62-493
>80	108-865	70-560

24 Hour Urine:
1.0-7.0 mmol/d

Conventional Units:

Random Urine:
15.0-120.0 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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µg/g creatinine		
Age	Female	Male
0-11	16-126	15-121
12-19	10-77	9-75
20-29	11-87	8-66
30-39	13-105	10-77
40-49	16-125	10-82
50-59	18-147	12-94
60-69	18-145	12-98
70-79	19-152	13-106
>80	23-186	15-121

24 Hour Urine:
24.3-170.2 mg/d

Reference Ranges are based on Non-Occupationally exposed population.

Interpretive Comments:

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