

OXALATE, 24-HOUR URINE

Orderable - OXALU24

Turnaround Time: 10 days

Specimen:

24-hour urine

Collection Information:

Collection of 24-Hour Urine Sample

Collect urine over a 24-hour period in a container with 30 mL of 6 N HCl for adult samples or 15 mL of 6 N HCl for pediatric samples.

Patient should restrict intake of vitamin C-rich foods and vitamin C supplements for 48 hours prior to and during urine collection.

Please complete the laboratory label attached to the collection bottle to include patient's name, collection start time and date and collection end time and date.

Reference Ranges:

Age	Range
Child (0-16 years):	161-483 µmol/day
Male:	92-564 µmol/day
Female:	46-368 µmol/day

Interpretive Comments:

High values are found in primary hyperoxaluria, diseases of the distal ileum, pyridoxine deficiency, and ethylene glycol poisoning. Consumption of oxalate-rich foods (e.g. rhubarb, strawberries, spinach, and tomatoes) may increase excretion.

Special Processing:

Transfer a 50-mL aliquot of the measured urine to a sterile container and add 2 drops of 6 N HCl.

Storage and Shipment:

Store and ship frozen.



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzymatic



Test Schedule:
Referred out Monday-
Thursday



Referred Out Location:
[In-Common Laboratories](#)