

# OXALATE, 24-HOUR URINE

**Due to world-wide reagent shortages, oxalate reporting be delayed 3 months.**

## 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:



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION




**Method of Analysis:**  
Enzymatic



**Test Schedule:**  
Referred out Monday-  
Thursday



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



OXALATE,  
24-HOUR  
URINE

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.