

CHLORIDE, 24-HOUR URINE

Orderable – CLU24

Turn Around Time: 4 hours

Specimen:

24 Hour Urine

Collection Information:

[Collection of 24-Hour Urine Sample](#)

Specimen must be refrigerated during collection period.

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:

170-250 mmol/d

Interpretive Comments:

Useful in diagnosing disorders of acid-base and water balance.

Monitoring compliance with a low salt diet.
Urine chloride excretion approximates the dietary intake.

An increase in urine chloride may result from water deficient dehydration, diabetic acidosis, Addison's disease and salt-losing renal disease.

Decreased urine levels are seen in congestive heart failure, severe diaphoresis and in hypochloremic metabolic alkalosis due to prolonged vomiting.

Comments:

High urine values of other halide ions (e.g. bromide, fluoride and iodide) may lead to falsely high readings on the chloride ion-selective electrode.



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Potentiometric, Indirect
Ion-Selective Electrode
(ISE)



Test Schedule:
As required