



Urine Potassium

Synonyms

Urine K

Clinical Indication

Measurement of urinary potassium may help differentiate renal from extrarenal loss in patients with hypokalaemia.

Maybe be used in determination of Urine Sodium:Potassium ratio.

Part of Profile / See Also

Urine electrolytes

Request Form

Combined Pathology request form or ICE request

Availability / Frequency of Analysis

On request

Turnaround Time

Same day

Patient Preparation

Sample Requirements

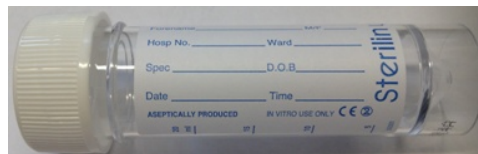
Specimen Type

Urine

Volume

2 mL

Container



White Capped Universal

Reference Range & Units

Urine potassium levels are variable, depending on sodium intake and clinical state.

24 hour collection reference range: 25 – 125 mmol/24hr

Reference: Beckman

Interferences

Interpretation & Clinical

Decision Value (if applicable)

In the presence of hypokalaemia, a 24 hour urine potassium <25 mmol, or a random urine potassium <20 mmol/L provides strong evidence of extrarenal loss.

References

Association for Clinical Biochemistry and Laboratory Medicine - Analyte Monographs alongside the National Laboratory Medicine Catalogue (Sodium). Beckman kit insert

Test code

UUE

Lab Handling

Aliquot sample in to RT30 tube and centrifuge the aliquot before analysis. Urine potassium is stable for 45 days at 2-25°C.