

Urine Creatinine (24 hours)

Synonyms	
Clinical Indication	Used to assess the completeness of a 24 hour urine collection. 24 hour Urine Creatinine is also part of a measured creatinine clearance, along with a serum creatinine collected in the same 24 hour period. This is only available in selected cases such as tertiary referral request, transplant donor work-up and some chemotherapy regimes. It has been replaced by the eGFR test.
Part of Profile / See Also	Free epinephrine (adrenaline), Free norepinephrine (nor-adrenaline), creatinine clearance test and 24 hour urine electrolytes
Request Form	Combined Pathology manual request form or request on ICE as 'Creatinine Clearance Test' or '24hr Urine Electrolytes'
Availability / Frequency of Analysis	Daily
Turnaround Time	Same day
Patient Preparation	None
Sample Requirements	
Specimen Type	24 hour urine collection
Volume	24 hour collection
Container	Plain 24 hour Urine collection container Transport to the laboratory on the day of collection
Reference Range & Units	Female 0.097-0.177mmol/kg/day Male 0.124-0.230mmol/kg/day Reference Beckman kit insert.
Interferences	
Interpretation & Clinical Decision Value (if applicable)	
References	Beckman Kit insert Creatinine (Enzymatic)
Test code	24CR
Lab Handling	Measure the volume by weighing the sample. Aliquot to a white universal and a RT30 tube, centrifuge the RT30 aliquot prior to analysis. Urine creatinine stable for 7 days at 4°C.