Creatinine Clearance Corrected-Calculation (CRCLC-CALC)

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TEST OVERVIEW

Test Name Creatinine Clearance Corrected-Calculation

Test Code CRCLC-CALC

Short Description Creatinine Clearance Corrected-Calculation

OVERVIEW

Test Name Creatinine Clearance Corrected-Calculation

Test Code CRCLC-CALC

Category Urine Biochemistry

TAT Main Lab: 4 Hour(s)

Family Site: <4hrs

Specimen(s) 1 x N/A - - mL - - White - N/A

SPECIMEN(S)

N/A

Specimen Type N/A

Specimen Format -

Specimen Colour White

Specimen Volume - mL

Sampling Order -

Origin N/A

Collection time after baseline -

Transport Temperature

Accepted Other Specimens

TAT Main Lab: 4 Hour(s)

Family Site: <4hrs

Test Stability Room Temp: -

2-8°C: -

CLINICAL INFORMATION

Creatinine Clearance Corrected

Methodology Calculation

Specimen Type N/A

Delay before pre-treatment -

Transport Temperature -

Transport Stability at room temp --

Transport Stability at 2–8°C --

Haemolysis interference No

Body Surface

Methodology Calculation

Specimen Type N/A

Delay before pre-treatment -

Transport Temperature -

Transport Stability at room temp ---

Transport Stability at 2–8°C --

Haemolysis interference

No

Height (cm)

Methodology -

Specimen Type N/A

Delay before pre-treatment -

Transport Temperature -

Transport Stability at room temp --

Transport Stability at 2-8°C --

Haemolysis interference No

Weight (Kg)

Methodology -

Specimen Type N/A

Delay before pre-treatment

Transport Temperature

Transport Stability at room temp - -

Transport Stability at 2–8°C

Haemolysis interference No

Clinical Interest

Creatinine clearance measures the rate at which the kidneys filter creatinine, a waste product of muscle metabolism, from the blood. It is an important indicator of **kidney function** and helps in the diagnosis and management of kidney disease. Creatinine clearance is used to estimate the Glomerular Filtration Rate (GFR), which is a key measure of how well the kidneys are filtering blood.

Decreased creatinine clearance is a hallmark of Chronic Kidney Disease (CKD) and helps in staging the disease. In cases of acute kidney injury, creatinine clearance can help assess the extent of renal impairment. Many medications, such as antibiotics and chemotherapeutic agents, are cleared through the kidneys. Adjusting drug dosages based on creatinine clearance is critical in preventing toxicity in patients with impaired renal function.

PATIENT INFORMATION

Clinical Information Required

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Patient Collection Notes

COMMENTS & NOTES

LOINC Code 195-4, 12195-4

Outwork

No