

Creatinine Clearance, Serum and 24-Hour Urine

Test ID: CRCL

Explanation: The estimated GFR calculation is being updated with the 2021 CKD-EPI equation and will be removing 2 race based eGFR resultables, replaced with a single resultable. The new 2021 CKD-EPI eGFR values cannot be directly compared to either the previous 2009 CKD-EPI Cr eGFR values that were separately reported for African American and non-African American. The 2021 CKD-EPI creatinine eGFR is not valid for patients <18 years old.

Current Reference Value	New Reference Value
<p>CREATININE CLEARANCE</p> <p>Males:</p> <p>0-18 years: Reference values have not been established</p> <p>19-75 years: 77-160 mL/min/body surface area (BSA)</p> <p>> or =76 years: Reference values have not been established</p> <p>Females:</p> <p>0-17 years: Reference values have not been established</p> <p>18-29 years: 78-161 mL/min/BSA</p> <p>30-39 years: 72-154 mL/min/BSA</p> <p>40-49 years: 67-146 mL/min/BSA</p> <p>50-59 years: 62-139 mL/min/BSA</p> <p>60-72 years: 56-131 mL/min/BSA</p> <p>> or =73 years: Reference values have not been established</p> <p>CREATININE, URINE:</p> <p>Reported in units of mg/dL</p> <p>CREATININE, SERUM</p> <p>Males</p> <p>0-11 months: 0.17-0.42 mg/dL</p> <p>1-5 years: 0.19-0.49 mg/dL</p> <p>6-10 years: 0.26-0.61 mg/dL</p> <p>11-14 years: 0.35-0.86 mg/dL</p> <p>> or =15 years: 0.74-1.35 mg/dL</p> <p>Females</p> <p>0-11 months: 0.17-0.42 mg/dL</p> <p>1-5 years: 0.19-0.49 mg/dL</p> <p>6-10 years: 0.26-0.61 mg/dL</p>	<p>CREATININE CLEARANCE</p> <p>Males:</p> <p>0-18 years: Reference values have not been established</p> <p>19-75 years: 77-160 mL/min/body surface area (BSA)</p> <p>> or =76 years: Reference values have not been established</p> <p>Females:</p> <p>0-17 years: Reference values have not been established</p> <p>18-29 years: 78-161 mL/min/BSA</p> <p>30-39 years: 72-154 mL/min/BSA</p> <p>40-49 years: 67-146 mL/min/BSA</p> <p>50-59 years: 62-139 mL/min/BSA</p> <p>60-72 years: 56-131 mL/min/BSA</p> <p>> or =73 years: Reference values have not been established</p> <p>CREATININE, URINE:</p> <p>Reported in units of mg/dL</p> <p>CREATININE SERUM</p> <p>Males</p> <p>0-11 months: 0.17-0.42 mg/dL</p> <p>1-5 years: 0.19-0.49 mg/dL</p> <p>6-10 years: 0.26-0.61 mg/dL</p> <p>11-14 years: 0.35-0.86 mg/dL</p> <p>> or =15 years: 0.74-1.35 mg/dL</p> <p>Females</p> <p>0-11 months: 0.17-0.42 mg/dL</p> <p>1-5 years: 0.19-0.49 mg/dL</p> <p>6-10 years: 0.26-0.61 mg/dL</p>

11-15 years: 0.35-0.86 mg/dL
> or =16 years: 0.59-1.04 mg/dL

ESTIMATED Glomerular Filtration Rate (eGFR)
> or =60 mL/min/BSA

Note: eGFR results will not be calculated for patients <18 years old.

11-15 years: 0.35-0.86 mg/dL
> or =16 years: 0.59-1.04 mg/dL

ESTIMATED Glomerular Filtration Rate (eGFR)
>=18 years old > or =60 mL/min/BSA

Note: eGFR results will not be calculated for patients <18 years old.

Estimated GFR calculated using the 2021 CKD_EPI creatinine equation

2021 CKD-EPI creatinine eGFR not valid for patients <18 years old.

Current Result Codes

Result ID	Reporting Name
CRE_U	Creatinine, U
TM54	Time
VL52	Volume
CRCL1	Creatinine Clearance
CRTSA	Creatinine, S
EGNB	eGFR Non-Black/African American
EGBL	eGFR Black/African American

New Result Codes

Result ID	Reporting Name
CRE_U	Creatinine, U
TM54	Time
VL52	Volume
CRCL1	Creatinine Clearance
CRTSA	Creatinine, S
EGFR1	Estimated GFR (eGFR)

Questions

Contact Nancy Benson, Laboratory Technologist Resource Coordinator at 800-533-1710.