

Indications	 Estimated Glomerular Filtration Rate (eGFR) results are reported based on the following available options in SGH: 1. Cockcroft-Gault equation (normalised for standard body surface area of 1.73 m2) 2. Modification of Diet in Renal Disease (MDRD) equation 3. Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) Equation
Specimen Required	 3 mL plain blood. Required parameters: 1. For Cockcroft-Gault Equation: Serum Creatinine (μmol/L), weight (kg), height (cm), age (years), gender 2. For MDRD Equation: Serum Creatinine (μmol/L), age (years), gender 3. For CKD-EPI Equation: Serum Creatinine (μmol/L), age (years), gender

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Reference Interval/Value	Classification of Chronic Kidney Disease based on NKF Kidney Disease Outcome Quality Initiative (KDOQI):
	Stage 1. Normal GFR >90ml/min/1.73 m ²
	Stage 2. Mildly impaired GFR 60-89ml/min/1.73 m ²
	Stage 3. Moderately impaired GFR 30-59 ml/min/1.73 m ²
	Stage 4. Severely impaired GFR 15-29 ml/min/1.73 m ²
	Stage 5. Established renal failure <15 ml/min/1.73 m ²
Turnaround Time	Mean = 4 hrs, Range: 3 – 5 hrs
Day(s) Test Set up	Daily
Remarks	Lab Measured Parameter: Creatinine (serum)
	Cockcroft-Gault, MDRD, CKD-EPI equation option(s) must be clearly indicated on laborator requests for estimated Glomerular Filtration Rate (eGFR).
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Change History Notes	

New MDRD equation option available w.e.f 19 Jan 2015

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• 03 Oct 2016 10:37 AM

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New CKD-EPI equation option available w.e.f 03 Oct 2016

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