

Test Update: Estimated Glomerular Filtration Rate (eGFR)

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Effective **June 24, 2019**, PathGroup will begin calculating estimated glomerular filtration rate by the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) equation instead of the previously utilized Modification of Diet in Renal Disease (MDRD) equation. eGFR values are derived from patient specific factors including, serum creatinine, age, gender, and race and are used to assess the kidney's filtering capacity. While both equations are accurate below 60 mL/min/1.73 m², the CKD-EPI equation provides a more accurate value above this threshold. This change will allow PathGroup to report numeric eGFR values for results greater than 60 mL/min/1.73 m².

Interpretive criteria are listed in the table below:

GFR Categories in Chronic Kidney Disease (CKD)		
GFR Category	GFR (mL/min/1.73 sq. meters)	Interpretation
G1	90 or greater	Normal or high*
G2	60 – 89	Mild decrease*
G3a	45 – 59	Mild to moderate decrease
G3b	30 – 44	Moderate to severe decrease
G4	15 – 29	Severe decrease
G5	14 or less	Kidney failure

*In the absence of kidney damage, neither GFR category G1 or G2 fulfill the criteria for CKD (Kidney Int Suppl 2013; 3.1-150)

**For further questions, please contact Client Services
at 615-562-9300 or 1-888-474-5227.**