

News

Clinical Laboratory Test Update

New Test – Cystatin C

Effective 8/16/2022, the University of Colorado Hospital Clinical Laboratory is offering in-house Cystatin C testing. The report includes an estimated glomerular filtration rate (eGFR) that is calculated using information in Epic. As with an eGFR based on creatinine, the equation used for the Cystatin C eGFR does not include a race variable.

Specimen	Preferred - One 5mL green top with gel
Methodology	Immunoassay
Storage/Transport	Onsite: Deliver to laboratory immediately. Offsite: Centrifuge within 60 minutes of collection. Transport to laboratory at ambient temperature.
Reference Range	Cystatin-C: 0.53 – 1.01 mg/L Cystatin eGFR: ≥ 60 mL/min/1.73 square meters
Interpretive Comment	This eGFR _{cys} was calculated using the 2012 CKD-EPI Cystatin C only equation, which isn't necessarily more accurate than eGFR calculated with creatinine only. If a concurrent creatine result exists, then use the 2021 CKD-EPI creatinine-cystatin calculator for standardized assays on the NKF website to better estimate GFR using both the creatine and cystatin C values. https://www.kidney.org/professionals/kdoqi/gfr_calculator
CPT Code	82610
Epic Order	LAB2259

Please call Gregory Bocsi, DO at 720-848-7050 if you have any questions or visit our test catalog at <https://www.testmenu.com/universityhospital> for additional information.

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