

**AFFECTED TESTS:**

- **CYSTATIN C WITH EGFR, SERUM (TEST CODE: LAB1460), CREATININE WITH EGFR (TEST CODE: LAB66), BASIC METABOLIC PANEL (BMP) (TEST CODE: LAB15, LAB304799), COMPREHENSIVE METABOLIC PANEL (CMP) (TEST CODE: LAB30451, LAB304107), RENAL FUNCTION PANEL (TEST CODE: LAB19), AND OTHER TESTS INCLUDING EGFR CALCULATION**

**EXPLANATION:** For adult cystatin C test, Ruby lab currently only reports ESTIMATED GFR - MALE and ESTIMATED GFR - FEMALE using 2012 CKD-EPI cystatin C equation. Pharmacists and adult nephrologists at Ruby requested to add two extra eGFR calculations. This will also affect the names for eGFR results used in BMP, CMP, RFP, and some other tests. The changes are detailed as below.

eGFR equations and tests	Old result name	New result name
2021 CKD-EPI creatinine equation (used in all tests above)	ESTIMATED GFR - FEMALE ESTIMATED GFR - MALE	eGFRcr - FEMALE eGFRcr - MALE
2012 CKD-EPI cystatin C equation (only used in Cystatin C with eGFR, LAB1460)	ESTIMATED GFR - FEMALE ESTIMATED GFR - MALE	eGFRcys - FEMALE eGFRcys - MALE
2021 CKD-EPI creatinine-cystatin C equation (only used in Cystatin C with eGFR, LAB1460)	N.A. (Newly added)	eGFRcr-cys - FEMALE eGFRcr-cys - MALE
For the details of these eGFR equations, please refer to the website ( <a href="https://www.niddk.nih.gov/research-funding/research-programs/kidney-clinical-research-epidemiology/laboratory/glomerular-filtration-rate-equations/adults">https://www.niddk.nih.gov/research-funding/research-programs/kidney-clinical-research-epidemiology/laboratory/glomerular-filtration-rate-equations/adults</a> ).		

**QUESTIONS ABOUT THIS TESTING**

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**QUESTIONS**

Contact WVUH Laboratories 304-598-4241 or  
UML Representatives 304-285-7201

**ADDITIONAL INFORMATION AVAILABLE ONLINE:** [WVU Medicine Online Test Catalog](#)