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.

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Preferred - One 5mL green top with gel</th>
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</thead>
<tbody>
<tr>
<td>Methodology</td>
<td>Immunoassay</td>
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| 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 eGFRcys 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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