

TEST CHANGE – METHODOLOGY

Notification Date: 3/17/2025

Effective Date: 3/26/2025

Test Name: Homocysteine Total, Plasma

Test ID: LAB93

Explanation: On the effective date, Homocysteine, Total, will move to new state-of-the-art instrumentation. Please note there is a positive 20% constant bias in results between the current and new method for values.

Current Method – Vanderbilt Medical Laboratories at Main Campus (i.e., Vanderbilt Hospital Laboratory)
Chemiluminescent Microparticle Immunoassay (CMIA)

New Method – Vanderbilt Medical Laboratories at MetroCenter
Enzymatic

Current Measurement Range
1 – 238 µmol/L

New Measurement Range
3 – 250 µmol/L

Current Reference Value
5 – 15 µmol/L

New Reference Value
≤ 15 µmol/L

Questions: Please get in touch with Vanderbilt Medical Laboratories Customer Service at 615-875-5227 (5-LABS) or 800-551-5227 or visit our website: [Home | Vanderbilt Medical Laboratories \(vumc.org\)](http://vumc.org)