

TEST CHANGE – METHODOLOGY

Notification Date: August 9, 2024

Effective Date: August 21, 2024

Test Name: Gamma Glutamyl Transferase (GGT), Plasma or Serum

Test ID: LAB85

Explanation: New instrumentation at Vanderbilt Medical Laboratories, MetroCenter location, is associated with ~15% lower (negative) results across the measuring range than tests performed at the Vanderbilt Hospital Laboratory.

Current Method – Vanderbilt Hospital Laboratory
Enzymatic Assay (Abbott)

New Method – MetroCenter Laboratory
Enzymatic Colorimetric Assay (Roche)

Current Measurement Range
4 – 9256 U/L

New Measurement Range
3 – 13,200 U/L

Current Reference Value
<p>Male: 0 - < 14 days: 23 - 219 U/L 14 days - < 1 year: 8 - 127 U/L 1 year - < 11 years: 6 - 16 U/L 11 years - < 19 years: 7 - 21 U/L ≥ 19 years: 12 - 64 U/L</p> <p>Female: 0 - < 14 days: 23 - 219 U/L 14 days - < 1 year: 8 - 127 U/L 1 year - < 11 years: 6 - 16 U/L 11 years - < 19 years: 7 - 21 U/L ≥ 19 years: 9 - 36 U/L</p>

New Reference Value
<p>Male: 0 - < 15 Days: 17 - 175 U/L 15 Days - < 1 year: 5 - 101 U/L 1 Years - < 11 Years: 4 - 12 U/L 11 Years - < 19 Years: 4 - 16 U/L 19 Years and older: 8 - 61 U/L</p> <p>Female: 0 - < 15 Days: 17 - 175 U/L 15 Days - < 1 year: 5 - 101 U/L 1 Years - < 11 Years: 4 - 12 U/L 11 Years - < 19 Years: 4 - 16 U/L 19 Years and older: 5 - 36 U/L</p>

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 \(vumc.org\)](https://www.vumc.org)