

TEST CHANGE - METHODOLOGY

Notification Date: 3/17/2025

Effective Date: 3/26/2025

Test Name: Parathyroid Hormone, Intact, Plasma

Test ID: LAB4081

Explanation: On the effective date, Parathyroid Hormone (PTH) Intact testing will move to new instrumentation. This new method allows higher levels of quantification and more dynamic pediatric reference intervals, including neonates, in alignment with the CALIPER database.

Current Method – Vanderbilt Hospital Laboratory	New Method – VML at MetroCenter
Chemiluminescent Immunoassay	Electrochemiluminescent Immunoassay
Current Measurement Range	New Measurement Range
3 – 3000 pg/mL	6 – 5000 pg/mL
Current Reference Value	New Reference Value
6 Days - < 1 Year: 6 – 89 pg/mL 1 Year - < 9 Years: 16 – 63 pg/mL 9 Years - < 17 Years: 22 – 88 pg/mL 17 Years - <19 Years: 16 – 60 pg/mL ≥ 19 Years: 16 – 77 pg/mL	0 - < 1 Month: 6.6 – 59.4 pg/mL 1 Month - < 1 Year: 8.5 – 61.3 pg/mL 1 Years - < 11 Years: 11.3 – 60.0 pg/mL 11 Years - < 19 Years: 15.1 – 68.0 pg/mL ≥ 19 Years: 17.9 – 58.6 pg/mL

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 \(yumc.org\)](http://Home | Vanderbilt Medical Laboratories (yumc.org))