

September 21, 2026

Lyme Modified Two Tier Test (LMTT) Reflex Testing Update

Topic: Testing Algorithm Update

Effective: Immediately

What you need to know:

- Positive or equivocal Lyme Modified Two Tier Test (LMTT) screening results will reflex to Lyme IgG and Lyme IgM confirmatory testing.
- This replaces the previous reflex testing protocol of Lyme Total IgG/IgM and Lyme IgM.
- This update aligns with the current CDC-recommended Lyme disease testing algorithm.
- Ordering workflows and the LMTT screening test remain unchanged.

TEST INFORMATION

Effective Date	Already Implemented
Test Name	Lyme Modified Two Tier Test
Test Code	LMTT
CPT Code	86616

OVERVIEW

The reflex testing protocol for positive or equivocal Lyme Modified Two Tier Test (LMTT) screening results has been updated. Confirmatory testing now includes Lyme IgG and Lyme IgM rather than Lyme Total IgG/IgM and Lyme IgM. This change aligns HNL Lab Medicine testing with the current CDC-recommended Lyme disease testing algorithm.

WHAT IS CHANGING?

- Positive or equivocal LMTT screening results will now reflex to Lyme IgG and Lyme IgM testing.
- The previous reflex combination of Lyme Total IgG/IgM and Lyme IgM will be discontinued.
- Providers may notice updated confirmatory test names on patient reports when an LMTT screen is positive or equivocal.
- The LMTT screening test, ordering process, and test code remain unchanged.

ADDITIONAL INFORMATION

For detailed test information, including specimen requirements, methodology, and ordering instructions, please refer to the HNL Lab Medicine [Test Directory](#). If you have questions regarding this test, please contact HNL Lab Medicine Technical Support at 877-402-4221.

COMPLIANCE REMINDER

Tests and profiles must be ordered based on the individual patient's clinical needs. All testing must be reasonable and medically necessary, consistent with applicable coverage policies, and supported by documentation in the patient's medical record. Per [CFR 45 § 164.506](#), progress notes may be requested to support the test order or claim. For guidance on applicable coverage policies and medical necessity requirements, please refer to the [Medicare Resources Page](#).