

## TEST STATUS - NEW TEST

Notification Date: 01/13/2025

Effective Date: 1/15/2025

### Test Name: Lyme disease Modified Two-Tier Testing

Test ID: LAB6742

Explanation: On the effective date, Lyme disease Modified Two-Tier Testing (MTTT) will become an in-house test and no longer sent out to a reference laboratory

Methodology: Enzyme-linked immunosorbent assay (ELISA)

Reference Interval: Negative

Critical Value: N/A

Specimen Requirements:

|                                |  |
|--------------------------------|--|
| Specimen Type:                 | Serum  |
| Alternate Specimen:            | NA   |
| Container/Tube:                | Gold SST tube (Clot activator with gel)            |
| Specimen Preparation:          | Separate seum from cells ASAP after collection     |
| Specimen Volume:               | Minimal 0.5 ml of serum                            |
| Pediatric Collection:          | Two gold microcontainers (Clot activator with gel) |
| Storage/Transport Temperature: | Refrigerated (2-8°C)                               |

Specimen Stability Information:

| Specimen Type | Temperature              | Time    |
|---------------|--------------------------|---------|
| Serum         | Room temperature         | 8 hours |
| Serum         | Refrigerated (2-8°C)     | 10 days |
| Serum         | Frozen (-20 °C or below) | 1 month |

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Cautions: The MTTT is for serum specimen only, for CSF specimen, the Standard Two-Tier Testing (STTT) algorithm should be followed. Order LAB6618 for CSF specimen.

Reasons for Rejection: Specimen other than serum; Gross hemolyzed; gross lipemia; visible bacterial contamination

Recommendations: Replace LAB6575 with LAB6742 in the preference order list.

CPT Code(s): 86618; add 86618\*2 if the result of first tier testing is positive or equivocal

Days(s) Performed: Monday - Friday

Report Available: 1-3 days

Note: The following referral test code will become obsolete.

| Test Name   | Test ID | Referral Lab Code | Referral Lab      |
|---|---------|-------------------|-------------------|
| <i>Borrelia burgdorferi</i> VlsE1/pepC10 Antibodies, Total by ELISA With Reflex to IgM and IgG by ELISA (Modified Two-Tier Testing) | LAB6575 | 3006053           | ARUP Laboratories |

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)