



Lyme Disease Diagnostic Testing Change



Purpose:

- Lyme disease, predominantly caused by *Borrelia burgdorferi* is currently the most common tick-borne illness in North America.
- Diagnosis of Lyme disease requires both clinical suspicion and appropriate diagnostic testing
- Recommended serologic testing involves multiple tests: Upstate Laboratory will be changing from the current **STTT method** to the newer **MTTT method** which uses three FDA cleared chemiluminescent immunoassays
- Correct result interpretation depends on the timing of testing relative to symptom onset and disease manifestation.

Testing:

- Starting **5/4/2023**, testing will be performed at **Downtown Campus** lab and will be run **daily 24/7**.
- The **Lyme Diagnostic Test (LAB9804)** will start with the **Total Antibody Screen** test:
 - Any **Positive/Equivocal** results will be reflexively tested with the confirmatory **IgG** and **IgM Antibody** tests.
 - If the screen is **Negative**, no further testing will be done.
- Collect blood in a Light Green top (Plasma) or Gold top (Serum) **at least 500uL**
- For Interpretation guidance see attached table from Association of Public Health Laboratories.

This will replace the current Lyme screen with reflex for confirmation (LAB8754)

For Questions, please contact the Downtown laboratory at 315-464 6830

OLD ORDER

Labs Shared	Lyme IgG, IgM antibody	Lab	LAB8754
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NEW ORDER

Lyme Diagnostic Test

ONCE, today at 1337, For 1 occurrence
Tier 1 (all credentialed providers)

Lyme Diagnostic Test

Process Instructions: Tier 1 (all credentialed providers)

Frequency:

ONCE

Once

AM Draw

Daily

Add-On

At

4/21/2023

Today

Tomorrow

1337

NEW Results

Results Review				
Search	< 1m ago	All Rows	Most Recent	2023 4/24/23 4/1
LABORATORY RESULTS	Time Mark	All Results		05:00 05:1
BLOOD				
MICROBIOLOGY				
CHEM PROFILE				
Potassium	10/21/20	2.0		
OTHER IMMUNOLOGY				
Lyme Diagnostic Test	05:00	Positive	Positive	
Lyme IgG Antibody	05:00	Positive	Positive	
Lyme IgM Antibody	05:00	Positive	Positive	
Nil result	04/12/23	0.41		0.4
Quint-TB Gold Plus	04/12/23	Negative		Ne
TB1 Ag minus Nil Result	04/12/23	1.09		1.0
TB2 Ag minus Nil Result	04/12/23	0.46		0.4
MICROBIOLOGY				
COVID-19 PCR	12/22/20			