



Lyme + Co-infections

Kits include forms, specimen containers, and shipping materials for USA orders.

CHECK EXPIRATION DATE OF SPECIMEN TUBES PRIOR TO DRAW.

Sample Collection Instructions

Identify the materials included in your kit and follow the relevant collection guidelines. ●●●

Collection Type	Tests	Amount	Collection Instructions
	1 Urine cup Lyme <i>Borrelia</i> Direct Detect Nanotrap® * Must be received within 48 hours after collection. Refrigerate specimen at 2-8°C until shipment. Do not freeze.	50 mL urine	Write patient's name, date of birth, and collection date on the container. Collect at least 50 cc (mL) of urine. Secure the lid. Urine can be collected all at once or in multiple instances within a 24-hour period.
	Tickborne BBB Direct Detect - 1 Day Draw Digital PCR Tickborne BBB Direct Detect- 3 Day Draw Digital PCR	6 mL blood (3), 6 mL blood	For the phlebotomist - Write patient's name, date of birth, and collection date on the tube. Collect 6 mL of blood into the EDTA tube(s). Invert the EDTA tube(s) a minimum of 8-10 times to mix.
	<i>Bartonella</i> IgG Detect 4-Species IFA Serology	3-5 mL blood	For the phlebotomist - Write patient's name, date of birth, and collection date on the tube. Collect 3-5 mL of blood into the SST tube(s). Invert the tube 5 times and allow it to rest for 30 minutes. Centrifuge the SST for 10-15 minutes at 3000 RPM. Do not transfer into another tube.

→ 3-DAY DRAW

DO NOT COLLECT ALL EDTA TUBES ON THE SAME DAY.

3 Day Draw tests require 3 separate EDTA tubes of whole blood to be collected on **three different days within a 5-8 day period**. After each draw, **refrigerate the samples and hold them until the final collection day**.

When collecting for 3-day blood draw and urine test, be sure to collect the urine on the third day and refrigerate until shipment.

→ **SERUM** ALL SERUM MUST BE SPUN BEFORE SHIPMENT.

Testing is not validated on UNSPUN, hemolyzed, icteric, or lipemic serum samples.

→ **ANTIMICROBIAL TREATMENTS**

In the absence of scientific data, we are unable to provide guidance on how treatments may affect test methods. Unless specifically directed by your practitioner, do not change your treatment regimen before testing.

SAMPLE STORAGE REQUIREMENTS

- Blood and Serum must be tested within two weeks of collection if kept refrigerated at 2-8 °C or frozen at minus 20 °C.
- Urine must be refrigerated at 2-8 °C and tested within 3 days of collection. Do not freeze urine.

- Blood must be collected in an **EDTA tube**
- Urine must be collected in a **sterile container**
- Serum must be collected in an **SST tube AND SPUN**

Samples may be rejected for the following reasons: Improper labeling of name or date of birth on specimen container; SST (yellow-top) tube is unspun; cold pack missing; improperly stored; gross contamination; insufficient sample quantity, sample damaged/leaking; serum is hemolyzed, icteric, or lipemic; laboratory accident; missing information; courier delays; or sample received over holidays/weekends.

ALL samples must be LABELED and shipped OVERNIGHT Mon-Thurs with a FROZEN cold pack.



MOSAIC
DIAGNOSTICS

Backed by Science, Trusted by Clinicians
Powered by Galaxy Diagnostics.

Kits contain all materials required for sample collection and shipping.

UPS 800.742.5877

Prepare Your Kit Before Your Appointment

- 1 **Place the ice pack flat in your freezer** for at least 24 hours prior to packing.
- 2 **Check expiration dates on your vials,** notify your practitioner if any have expired.
- 3 **If completing a blood draw, bring the entire kit to your phlebotomist appointment** and be sure to include the ice pack (if included) and this instruction.



Note: If you are completing a 3-day blood draw along with a urine test, be sure to bring your refrigerated urine sample and the entire kit to your phlebotomy appointment on day 3.

Ensure all samples are labeled. Unlabeled samples will be rejected.

Preparing the Package

- 1 Fill in barcode sheet label with name, date-of-birth and collection and place label next to existing label on tube(s).



Blood/serum:

- 2a Place the tubes in absorbent pouch and place inside the biohazard bag with an absorbent pad.



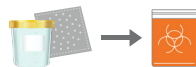
3

- Place the biohazard bag underneath the ice pack back inside the kit box.



2b

- Urine:** Place the sealed urine cup inside the biohazard bag with an absorbent pad.



Shipping

- 1 Place box in Clinical Pak (shipping bag) with the prepaid shipping label.



- 3 Ship overnight **Monday through Thursday.**

- 2 **Take packaged sample(s) to a UPS Store.** Do not use a UPS dropbox. Visit [ups.com/dropoff](https://www.ups.com/dropoff) to help find a location near you. You may also request a UPS pick-up by calling 800-742-5877. Let them know that you need to schedule a pick-up using a return label.

Shipping Information Within the United States

- **The provided shipping materials are prepaid,** and no additional fees will need to be provided to UPS. If UPS attempts to bill you for shipping costs, please contact our staff for assistance at 800-288-0383. Mosaic Diagnostics is not responsible for any payments made directly to UPS.