

Sample Collection

- Sample collection materials may be ordered through the Lucent Diagnostics portal or by contacting Customer Service.
- For each sample, a test requisition form must be completed.
- All required information must be provided for a sample to be accepted for testing.

1

Label Tubes

- On the provided labels write the **collection date and time**, and a **unique patient identifier** that matches the test requisition form. The Unique ID (provided by the facility) should be a number unique to the patient, such as their MRN.
- Apply one of the completed labels to the cryotube with the barcode parallel to the length of the cryotube.
- Apply the second completed label to the requisition form in the gray box marked “Affix barcode here” if using an unbarcoded paper requisition.

2

Venous Blood Draw

- Use provided K2EDTA Plasma Separator Tube or facility provided K2EDTA tube.
- **Check the expiration on the K2EDTA tube. (Do not use expired K2EDTA tubes).** Following manufacturer’s instructions, perform a venous blood draw to collect whole blood into the Plasma separator tube.

3

Invert

- Immediately following collection, gently invert the K2EDTA Plasma separator tube **8—10 times** to mix with anticoagulant.

4

Centrifuge

- Centrifuge the tube at **2000g for 10 minutes** to separate plasma from red blood cells (*refrigerated centrifuge between 2°C–8°C is preferred*).
- Ensure plasma is separated from red blood cells.

5

Transfer Plasma

- Pipet ~1 ml of plasma to the cryotube.
- Discard the plasma separator tube.

6

Package the Sample

- Seal the cryotube with plasma in the biohazard bag provided and insert the completed sample requisition form, printed from the Lucent Diagnostics portal, in the outer pocket.
- Package the sample for shipment (refer to page 3).
- **If not shipping immediately (refer to page 2).**

To ensure sample integrity, samples must remain frozen and must be delivered to Lucent Diagnostics within 14 days of collection.

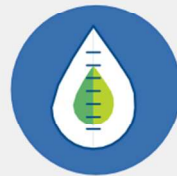
Frozen Sample Storage Guidelines & Sample Acceptance Criteria

Sample collection sites must follow the instructions below exactly as prescribed. Any samples handled or stored outside of the prescribed conditions are not valid for testing. Samples should be collected and processed immediately following the guidelines below.



≤ -20°C

Until ready to ship
Storage Temperature



0.5 ml

**Minimum volume
of plasma**



Dry Ice
Shipping Condition



Mon-Thurs

Needs to arrive to Quanterix
within 14 days of collection.
Shipping days

The following conditions must be met for samples to be accepted for testing:

- 1. The sample arrives at Lucent Diagnostics within 14 days of collection.**
- The cryotube is free of spillage or leaks.
- The sample(s) within the shipment matches the completed test requisition form(s) provided by the ordering provider.
- Each sample has two unique identifiers (barcode + unique ID) that match the test requisition form(s) provided by the ordering provider.
- All required fields are completed on the test requisition form.

If any of the above criteria are not met, the sample cannot be processed, and the collecting site will be notified. If the sample integrity is impacted, the sample will be discarded.

Our Customer Service team is available to answer sample collection, storage, and shipping-related questions. Please give us a call at **(978) 488.1869** or send an email to customerservice@lucentdiagnostics.com.

Shipping Samples to

- Samples may be shipped **Monday—Thursday**.
- Samples are received by the lab Tuesday—Friday.
- Samples should **not be shipped** the day before a holiday.
- Shipping materials will not be provided.

Ship via **FedEx, priority overnight delivery**, to the address below:

Lucent Diagnostics—A Quanterix Brand
c/o Quanterix Corporation
900 Middlesex Turnpike, Building #1
Billerica, MA 01821, USA

Enabling FedEx Shipping Notifications

When using FedEx Ship Manager,

1. Include support@lucentdiagnostics.com on the recipient line to allow Lucent Diagnostics to track and process your shipments more efficiently.
2. Mark the checkboxes to enable notifications.
3. Add any additional information in the notes field, ex. “12 samples in shipment”.