

The specimen is to be collected as indicated by these instructions and following the institution's internal blood specimen collection procedures.

## PREFERRED METHOD—In Plasma Preparation Tube (PPT)

### 1. COLLECT BLOOD IN PPT

- 5 mL of whole blood in BD Vacutainer® PPT
- Gently invert the tube 8-10 times
- Label the tube with the patient's first and last name, a unique patient identifier (DOB or MRN), and the date and time of specimen collection

### 2. CENTRIFUGE WITHIN 6 HOURS OF DRAW

- 1,100 RCF (g)\* | 10 mins | Ambient temperature
- Do not transfer plasma
- If the specimen is unlikely to reach Karius within 96 hours of collection, freeze specimen directly in PPT after centrifugation

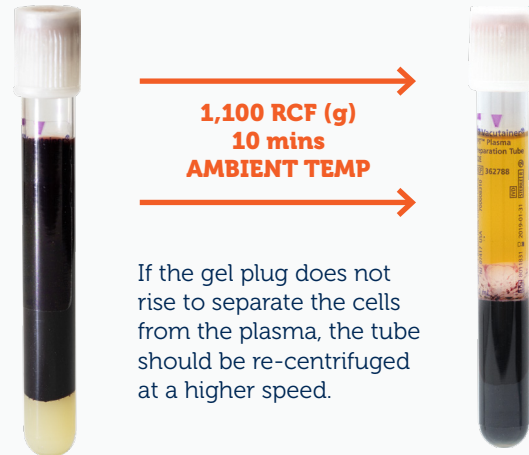
\* Refer to centrifuge manufacturer's instructions to calculate equivalent RPM if needed

### 3. SUBMIT A TEST REQUISITION FORM

- Requisition form can be found at [online.kariusdx.com](http://online.kariusdx.com)
- Contact Karius for login credentials

### 4. PACKAGE SPECIMEN

- Package the specimen and the completed requisition form using the supplies in the Karius® Test kit
- See shipping instructions on reverse



If the gel plug does not rise to separate the cells from the plasma, the tube should be re-centrifuged at a higher speed.

### SPECIMEN STABILITY NOTE (After plasma has been separated from cells)

Temperature	Time
Ambient	96 hours
≤ -20°C	6 months

## ALTERNATIVE METHOD—In Lavender Top, K2-EDTA Tube

### 1. COLLECT BLOOD IN K2-EDTA TUBE

- Do not pool blood draws
- Gently invert the tube 8-10 times

### 2. CENTRIFUGE WITHIN 24 HOURS OF DRAW

- 1,600 RCF (g)\* | 10 mins | Ambient temperature
- \* For tubes less than 4 mL, refer to tube manufacturer's instructions for centrifugation speed and time.

### 3. TRANSFER PLASMA

- Transfer a minimum of 0.7 mL\* of plasma into a sterile polypropylene tube
- Do not disturb the buffy coat when transferring
- Label the tube with the patient's first and last name, a unique patient identifier (DOB or MRN), and the date and time of specimen collection
- \* Plasma volumes as low as 0.35 mL will be accepted. However, the likelihood of a No Result report is increased.

### 4. SEE #3 AND #4 OF PREFERRED METHOD (ABOVE)

### REJECTION CRITERIA

- Plasma separated from whole blood more than 6 hours (PPT) or more than 24 hours (K2-EDTA) after draw
- Unfrozen specimen received at Karius more than 96 hours after collection
- Specimen with incomplete or improper separation of plasma
- Specimen collected in an expired tube
- Specimen with fewer than 2 patient identifiers on the tube

# SHIPPING INSTRUCTIONS

## PREFERRED – AMBIENT TEMPERATURE

Specimen **MUST** arrive at Karius within 96 hours of draw.

All supplies needed for shipping at ambient temperature are included in the Karius Test kit.



1 Place the specimen in the biohazard bag with an absorbent pad.



2 Wrap the ambient gel pack around the specimen bag.



3 Place the wrapped specimen bag in the foil bubble mailer and then in the Karius Test kit cardboard box.



4 Add the printed Karius Test Requisition Form to the Karius Test kit cardboard box.

- The Requisition Form can be completed at [online.kariusdx.com](http://online.kariusdx.com)
- Contact Karius for login credentials



5 Place the box in a FedEx® UN 3373 Category B Pak. A FedEx® Pak affixed with a preprinted return label is included in the Karius Test kit.

## FROZEN

Specimen can be frozen directly in PPT after centrifugation or if using K2-EDTA tube, after transferring plasma into a polypropylene tube.

1. Place the frozen specimen in a biohazard bag with an absorbent pad.
2. Place the specimen bag on dry ice in an appropriate container, ensuring there is enough dry ice to prevent thawing during transport.
3. Ship via FedEx First Overnight® to Karius.

## QUESTIONS? CONTACT KARIUS 24/7

Telephone (866) 452-7487

Fax (866) 246-6567

Email [help@kariusdx.com](mailto:help@kariusdx.com)

Address Karius Laboratory Specimen Receiving, 975 Island Dr, Suite 101, Redwood City, CA 94065