

Notification Date: November 19, 2024 Effective Date: December 24, 2024

# Cystic Fibrosis, CFTR Gene, Variant Panel, Varies

Test ID: CFMP

**Explanation:** On the effective date, this assay will incorporate changes to the Specimen Required, as shown below. The Whole Blood specimen type will no longer accept *any anticoagulant* and will be limited to the anticoagulants shown below. Additional information will also be provided.

## **Current Specimen Required**

Specimen Type: Whole blood

Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. Call 800-533-1710 for instructions for testing patients who have received a bone marrow transplant. Preferred: Lavender top (EDTA) tube or yellow top

(ACD) tube

Acceptable: Any anticoagulant Specimen Volume: 3 mL Collection Instructions:

1. Invert several times to mix blood.

2. Send specimen in original tube. **Do not aliquot. Additional Information:** To ensure minimum volume and concentration of DNA is met, the preferred volume of blood must be submitted. Testing may be canceled if DNA requirements are inadequate.

#### **New Specimen Required**

Specimen Type: Whole blood

**Preferred:** Lavender top (EDTA) tube or yellow top (ACD)

tube

Acceptable: None
Specimen Volume: 3 mL
Collection Instructions:

1. Invert several times to mix blood.

2. Send whole blood specimen in original tube. **Do not aliquot.** 

#### **Additional Information:**

- 1. Specimens are preferred to be received within 4 days of collection. Extraction will be attempted for specimens received after 4 days, and DNA yield will be evaluated to determine if testing may proceed.
- 2. To ensure minimum volume and concentration of DNA is met, the preferred volume of blood must be submitted. Testing may be canceled if DNA requirements are inadequate

### Questions

Contact Michelle Raths, Laboratory Resource Coordinator at 800-533-1710.