

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

Y Chromosome Microdeletions, Molecular Detection, Varies

Test ID: YMCRO

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

Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. For instructions for testing patients who have received a bone marrow transplant, call 800-533-1710.

Specimen Type: Whole blood

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.**

New Specimen Required

Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. For instructions for testing patients who have received a bone marrow transplant, call 800-533-1710.

Specimen Type: Whole blood

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

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.