

Hemolytic Anemia Evaluation, Blood

Test ID: HAEV1

Explanation: Notification has been updated from what was previously announced on 1/13/2026.

Specimen requirements are being updated to include a document outlining the collection and labeling process for the required shipping control.

New Specimen Required

The following specimens are required for testing:

- 2 Patient whole blood EDTA specimens
- 2 Patient whole blood ACD specimens
- 1 Shipping control whole blood EDTA specimen (collected from a healthy individual)
- 2 Well-made peripheral blood smears (Wright stained or fixed in absolute methanol)

For complete instructions, refer to the [Specimen Collection and Labeling Instructions for Osmotic Fragility Testing of Erythrocytes](#).

Shipping Control Specimen:

Specimen Type: Whole blood (non-patient)

Container/Tube: Lavender top (EDTA)

Specimen Volume: 4 mL

Collection Instructions:

1. Collect a shipping control specimen from a healthy person unrelated to the patient at the same time (or within 4 hours) as the patient specimen.

Note: The shipping control specimen can be collected from a phlebotomist, volunteer or another healthy patient.

2. Clearly handwrite "CONTROL" on the outermost label of the tube.

3. Refrigerate (or place on cold gel pack/small amount of wet ice) specimen immediately after collection.

4. Send shipping control in the original tube. Do not aliquot.

5. Keep the shipping control and the patient specimens together, either rubber banded or in a bag.

Additional Information:

1. The shipping control and patient specimens must be handled identically from the time of collection through receipt in the testing laboratory.

2. If the shipping control is not sent with the patient specimen, test cancellation is likely.

3. The shipping control specimen evaluates whether the patient result has been compromised by handling conditions such as temperature, motion, or other transportation interferences, as temperature and handling extremes can adversely impact the integrity of the specimen.

Patient Specimen:

Specimen Type: Whole blood

Container/Tube: Lavender top (EDTA) and yellow top (ACD)

Specimen Volume: Two 4-mL EDTA tubes AND two 6-mL ACD tubes

Collection Instructions:

1. Collect and label patient specimens.
 2. Refrigerate (or place on cold gel pack/small amount of wet ice) specimen immediately after collection.
 3. Send whole blood specimens in the original tubes. Do not aliquot.
 4. Keep the shipping control and the patient specimens together, either rubber banded or in a bag.
- Additional Information:** The shipping control and patient specimens must be handled identically from the time of collection through receipt in the testing laboratory.

Patient Specimen:

Specimen Type: Slides

Container/Tube: Blood smears

Specimen Volume: 2 Well-made peripheral blood smears

Collection Instructions:

1. Prepare 2 peripheral blood smears from the EDTA tube collected from the patient.
2. Either stain the smear with Wright stain or fix the smear with absolute methanol prior to shipping.

Questions

Contact Melissa Lonzo, Laboratory Resource Coordinator at 800-533-1710.