MAYO CLINIC LABORATORIES

Test Definition: ABOMR

ABO/Rh, Blood

Overview

Useful For

Determining blood group ABO and Rh only

Reflex Tests

Test Id	Reporting Name	Available Separately	Always Performed
ABIDR	Antibody Identification, RBC	Yes	No
ABOPR	ABORh Problem RBC	No	No

Testing Algorithm

Includes identification of ABO and Rh blood group antigens. If indicated, antibody identification will be performed. If ABO/Rh discrepancy is detected, the ABO/Rh problem test may be ordered to result the final ABO/Rh interpretation.

Method Name

Hemagglutination

NY State Available

No

Specimen

Specimen Type

Whole Blood EDTA

Specimen Required

Container/Tube: Pink top (EDTA)

Specimen Volume: 6 mL

Collection Instructions:

1. Invert several times to mix blood.
2. Send whole blood specimen in original tube. **Do not aliquot.**

Additional Information: Blood for this test cannot be shared with other tests. Submit specimen for this test in its own vial.

Forms

If not ordering electronically, complete, print, and send a Kidney Transplant Test Request with the specimen.

Specimen Minimum Volume

3 mL

Reject Due To

Gross hemolysis	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Refrigerated (preferred)	10 days	
	Ambient	4 days	

Clinical & Interpretive

Clinical Information
This ABO and Rh blood typing test identifies the presence of specific red cell antigens and antibodies to determine the ABO/Rh type.

Reference Values
ABO and Rh blood group antigens identified

Interpretation
Standard ABO/Rh type will be reported. Routine types include: O pos, O neg, A pos, A neg, B pos, B neg, AB pos and AB neg. Any relevant discrepancies will be noted.

Cautions
Clinical evaluation of antibodies identified is necessary to determine their potential for harm to the patient at this time and to assess appropriate action to be taken in the future.

Clinical Reference
Cohn CS, Delaney DO, Johnson ST, Katz LM, Schwartz J, eds. Technical Manual. 21st ed. AABB; 2023

Performance

Method Description
Agglutination of patient red cells with an antiserum represents the presence of the corresponding antigen on the red cells. Agglutination of patient plasma with reagent red blood cells represents the presence of the corresponding antibodies.(Cohn CS, Delaney DO, Johnson ST, Katz LM, Schwartz J, eds. Technical Manual. 21st ed. AABB; 2023)

PDF Report
No

Day(s) Performed

Monday through Sunday

Report Available

Same day/1 to 2 days

Performing Laboratory Location

Mayo Clinic Laboratories - Rochester Main Campus

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification

This test has been cleared, approved, or is exempt by the US Food and Drug Administration and is used per manufacturer's instructions. Performance characteristics were verified by Mayo Clinic in a manner consistent with CLIA requirements.

CPT Code Information

86900-ABO
86901-Rh

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
ABOMR	ABORh, RBC	882-1

Result ID	Test Result Name	Result LOINC® Value
ABOMR	ABORh, RBC	882-1