MAYO CLINIC LABORATORIES

Test Definition: ABONR

Newborn ABORh

Overview

Useful For

Selecting compatible blood products for transfusion therapy

Determining the need for Rh immune globulin in mother of baby

Testing Algorithm

Includes ABO and Rh blood group antigens.

Reflex Tests

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

Method Name

Hemagglutination

NY State Available

No

Specimen

Specimen Type

Whole Blood EDTA

Specimen Required

Container/Tube: Pink top (EDTA Micro tube)

Specimen Volume: 0.5 mL

Reject Due To

Gross hemolysis	Reject

Specimen Minimum Volume

See Specimen Required

Specimen Stability Information

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

Clinical & Interpretive

Clinical Information

The ABO and Rh typing indicates the presence of 2 of the various blood group systems. The identification of antigens in the ABO and Rh system has its major application in the selection of blood and blood products of the appropriate ABO/Rh type for transfusion therapy and in the determination of the mother's candidacy for Rh immune globulin therapy.

Weak D testing will be performed on all Rh-negative babies.

Reference Values

ABO and Rh blood group antigens identified

Interpretation

Agglutination of red cells with an antiserum represents the presence of the corresponding antigen on the red cells.

Cautions

No significant cautionary statements

Clinical Reference

Fung MK, Eder AF, Spitalnik SL, Westhoff CM, eds. Technical Manual. 19th ed. AABB; 2017

Performance

Method Description

Agglutination of red cells with an antiserum represents the presence of the corresponding antigen in the red cells.(Fung MK, Eder AF, Spitalnik SL, Westhoff CM, eds. Technical Manual. 19th ed. AABB; 2017)

PDF Report

No

Specimen Retention Time

14 days

Performing Laboratory Location

Rochester

Fees & Codes

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

86901

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
ABONR	Newborn ABORh	19057-9

Result ID	Reporting Name	LOINC®
ABONR	Newborn ABORh	19057-9