

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 12/3/1941
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

RBC Antibody ID Package (IRL)

ARUP test code 3017610

ABORh

A Positive

An ABO discrepancy was observed using routine test methods. To avoid false-positive results from a strong cold autoantibody, serum reverse grouping was performed using a pre-warmed technique.

Direct Coombs

IgG-C3+ * (Ref Interval: Negative)

IgG: Negative
Complement (C3): Positive

Antibody Identification PKG

A pathologic cold autoantibody with apparent I (I1) specificity was identified in this patients serum. No additional red cell antibodies were apparent at this time.

Pathological cold autoantibodies are clinically significant antibodies that demonstrate a broad thermal range, specifically enhanced reactivity between 30C and 37C using albumin techniques, and capable of binding complement in vivo. These antibodies may occur in association with a number of underlying diseases, particularly mycoplasma pneumonia infections and infectious mononucleosis. Clinical significance may vary. Increased bilirubin, elevated reticulocyte values, and decreased haptoglobin may indicate immune hemolysis. It is recommended that red blood cells be transfused through a blood warmer.

If red cell transfusion is required, it is recommended that the institution's policy for selecting and crossmatching units be followed; it may be necessary to use a prewarm technique.

Antigen Testing, Rh Phenotype

ARUP test code 0013019

Probable Rh Phenotype

R1R2

H=High, L=Low, *=Abnormal, C=Critical

D (RH1) antigen: Positive
C (RH2) antigen: Positive
E (RH3) antigen: Positive
c (RH4) antigen: Positive
e (RH5) antigen: Positive

Antigen Testing, RBC Phenotype Extended

ARUP test code 0013020

RBC Phenotype Extended

This patient appears to have the following red cell extended phenotype:
DCE/DCE K- Fy(a+b+) Jk(a+b+) S-s+
(ISBT) RH:1,2,3,4,5 KEL:-1 FY:1,2 JK:1,2 MNS:-3,4

Ab Ident Panel-Cold (IRL)

ARUP test code 0010416

Cold Panel Identification

Done

Thermal Amplitude Test

ARUP test code 0013410

Thermal Amplitude Test

The thermal amplitude of the cold autoantibody was evaluated. Antibody reactivity was observed at 30C when using albumin techniques. No antibody reactivity was observed at 37C when using albumin techniques.

Cold autoantibodies with this reactivity pattern are considered clinically significant.

Please see results of antibody identification.

Saline RBC AB Identification Panel

ARUP test code 3017571

PAN-SAL/R

Done

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
ABORh	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Probable Rh Phenotype	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
RBC Phenotype Extended	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Direct Coombs	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cold Panel Identification	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Antibody Identification PKG	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thermal Amplitude Test	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PAN-SAL/R	24-204-400773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 24-204-400773
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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