

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 4/25/2019  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**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 pathological.

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.

Please see results of antibody identification, accession 23-090-401162.

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Thermal Amplitude Test	23-096-401309	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: 23-096-401309  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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