

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 11/4/1995
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Paroxysmal Nocturnal Hemoglobinuria, High Sensitivity, RBC

ARUP test code 2004366

% PNH RBC **0.014 % H** (Ref Interval: 0.000-0.004)

Subclinical RBC PNH clone identified. The small percentage of PNH cells found on high sensitivity RBC analysis does not suggest hemolytic PNH, but may be found in bone marrow failure disorders.

INTERPRETIVE INFORMATION: Paroxysmal Nocturnal Hemoglobinuria, High Sensitivity, RBC

This assay tests for CD59 on erythrocytes using flow cytometry. The percentage of red blood cells (RBCs) with normal expression of CD59 is decreased in paroxysmal nocturnal hemoglobinuria (PNH). The presence of a subclinical PNH population (0.005-1.000 percent) in myelodysplastic bone marrow disorders, such as aplastic anemia or refractory anemia, may correlate with a positive immunotherapeutic response (Blood 2006; 107, 1308-1314).

The lower limit of detection of this test is 0.005 percent PNH cells. This test will distinguish between Type II and Type III cells when the PNH cell percentage is 1 percent or greater. Glycophorin A (CD235a) is used to gate the RBC population. CD59 is the GPI-linked antigen. Recent RBC transfusions may decrease the percentage of PNH cells measured in RBCs (Cytometry 2000; 42:223-33).

For the most accurate measurement of the PNH clone size, order PNH High Sensitivity WBC (ARUP test code 2005003) to assist with therapeutic decisions in conventional PNH.

For initial diagnosis of PNH and analysis of both RBCs and WBCs, order PNH High Sensitivity RBC and WBC Panel (ARUP test code 2005006).

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
% PNH RBC	19-026-101959	1/26/2019 11:08:00 AM	1/27/2019 3:33:54 PM	1/29/2019 1:45:00 PM

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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 19-026-101959
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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