

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 9/14/2019
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Leukocyte Adhesion Deficiency Panel

ARUP test code 2004359

% CD11a	100 %	(Ref Interval: 97-100)
% CD11b	100 %	(Ref Interval: 96-100)
% CD18	100 %	(Ref Interval: 99-100)
% CD15s	20 % L	(Ref Interval: 95-100)

Decreased or absent expression of CD15s on neutrophils. This result is consistent with leukocyte adhesion deficiency (LAD) type 2. Genetic testing for mutation of the SLC35C1 gene is also recommended, if clinically indicated. Please correlate results clinically.

References:

1. Etzioni A, et al. Brief report: recurrent severe infections caused by a novel leukocyte adhesion deficiency. N Engl J Med. 1992;327(25):1789-92.
2. OMIM: omim.org/entry/26626

These results have been reviewed and approved by Leo Lin MD, PhD.

INTERPRETIVE INFORMATION: Leukocyte Adhesion Deficiency Panel

The Leukocyte Adhesion Deficiency Panel measures the receptors CD11a, CD11b, CD15s, and CD18 normally found on neutrophils. The percentage of patient neutrophils bearing these receptors is reported. Decreased values outside of the reference interval may correlate with abnormal neutrophil function. For example, CD11 and CD18 are decreased or absent in leukocyte adhesion deficiency (LAD) type I and CD15s is decreased or absent in LAD type II.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
% CD11a	22-258-104060	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD11b	22-258-104060	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD18	22-258-104060	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD15s	22-258-104060	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: 22-258-104060
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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