

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 10/2/1960
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Lymphocyte Subset Panel 6 - Total Lymphocyte Enumeration with CD45RA and CD45RO

ARUP test code 0095862

% CD3	75 %		(Ref Interval: 62-87)
Absolute CD3	2768 cells/uL	H	(Ref Interval: 570-2400)
% CD4	51 %		(Ref Interval: 32-64)
Absolute CD4	1893 cells/uL	H	(Ref Interval: 430-1800)
% CD8	23 %		(Ref Interval: 15-46)
Absolute CD8	856 cells/uL		(Ref Interval: 210-1200)
CD4:CD8 Ratio	2.22 ratio		(Ref Interval: 0.80-3.90)
% Natural Killer Cells	11 %		(Ref Interval: 4-26)
Absolute Natural Killer Cells	414 cells/uL		(Ref Interval: 78-470)
% CD19	13 %		(Ref Interval: 6-23)
Absolute CD19	474 cells/uL		(Ref Interval: 91-610)

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: 20-014-141824
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 3 | Printed: 12/7/2020 1:10:14 PM
4848

% CD45RA	55 %	(Ref Interval: 28-71)
Absolute CD45RA	1025 cells/uL H	(Ref Interval: 150-870)
% CD45RO	45 %	(Ref Interval: 28-72)
Absolute CD45RO	852 cells/uL	(Ref Interval: 190-1050)

Lymphocyte Subset Panel 6 Information

See Note

INTERPRETIVE INFORMATION: Lymphocyte Subset 6, with CD45RA/CD45RO
 The CD4 cells are Helper T-cells expressing both CD3 and CD4. The CD8 cells are Cytotoxic T-cells expressing both CD3 and CD8. The B-cells express CD19 but not CD3. The NK-cells express either CD16 or CD56 (or both) but not CD3. CD3, CD4, CD8, CD19 and NK-cell percentages are reported as a percent of total lymphocytes. The CD45RA cells express both CD4 and the "naive" CD45RA antigens while CD45RO cells express both CD4 and CD45RO "memory" antigens. CD45RA and CD45RO percentages are reported as a percent of total CD4 cells. CD4 T-cell levels are a criterion for categorizing HIV-related clinical conditions by the CDC's classification system for HIV infection. The measurement of CD4 T-cell levels has been used to establish decision points for initiating P. jirovecii prophylaxis, antiviral therapy and to monitor the efficacy of treatment. The Public Health Service (PHS) has recommended that CD4 T-cell levels be monitored every three to six months in all HIV-infected persons.

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:

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: 20-014-141824
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 3 | Printed: 12/7/2020 1:10:14 PM
4848

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
% CD3	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Absolute CD3	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
% CD4	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Absolute CD4	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
% CD8	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Absolute CD8	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
CD4:CD8 Ratio	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
% Natural Killer Cells	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Absolute Natural Killer Cells	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
% CD19	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Absolute CD19	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
% CD45RA	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Absolute CD45RA	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
% CD45RO	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Absolute CD45RO	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM
Lymphocyte Subset Panel 6 Information	20-014-141824	1/14/2020 11:40:00 AM	1/16/2020 12:02:14 PM	1/16/2020 8:14:00 PM

END OF CHART

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

Unless otherwise indicated, testing performed at: