

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 9/16/1959
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

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

ARUP test code 0095862

% CD3	75 %		(Ref Interval: 62-87)
Absolute CD3	4046 cells/uL	H	(Ref Interval: 570-2400)
% CD4	57 %		(Ref Interval: 32-64)
Absolute CD4	3056 cells/uL	H	(Ref Interval: 430-1800)
% CD8	16 %		(Ref Interval: 15-46)
Absolute CD8	858 cells/uL		(Ref Interval: 210-1200)
CD4:CD8 Ratio	3.56 ratio		(Ref Interval: 0.80-3.90)
% Natural Killer Cells	6 %		(Ref Interval: 4-26)
Absolute Natural Killer Cells	346 cells/uL		(Ref Interval: 78-470)
% CD19	18 %		(Ref Interval: 6-23)
Absolute CD19	976 cells/uL	H	(Ref Interval: 91-610)
% CD45RA	42 %		(Ref Interval: 28-71)

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

Unless otherwise indicated, testing performed at:

Absolute CD45RA **1345 cells/uL H** (Ref Interval: 150-870)

% CD45RO 58 % (Ref Interval: 28-72)

Absolute CD45RO **1826 cells/uL H** (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.

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
% CD3	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute CD3	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD4	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute CD4	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD8	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute CD8	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CD4:CD8 Ratio	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% Natural Killer Cells	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute Natural Killer Cells	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD19	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute CD19	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD45RA	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute CD45RA	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% CD45RO	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute CD45RO	24-038-148488	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lymphocyte Subset Panel 6 Information	24-038-148488	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: 24-038-148488
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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