

Patient Name	: Mrs. K AGHATOLI	Reg. No.	: 00412309300062
Age and Sex	: 34 Yrs / Female	PCC Code	: PCL-TS-050H
Referring Doctor	: NA	Sample Drawn Date	: 30-Sep-2023 06: 30 PM
Referring Customer	: N/A	Registration Date	: 01-Oct-2023 12: 00 AM
Vial ID	: N1396649	Report Date	: 01-Oct-2023 12: 38 PM
Sample Type	: WB-EDTA	Report Status	: Final Report
Client Address	: KPHB		

FLOW CYTOMETRY

Test Name	Obtained Value	Units	Bio. Ref. Intervals	Method
(Age/Gender specific)				

[PDF Attached](#)

CD3/CD4/CD8

Absolute Lymphocyte Count (CD45+)	1223	Cells/µL	1000-3000	Flow Cytometry
CD3+ Absolute Count (T_Lymphocytes)	963	Cells/µL	600-2500	Flow Cytometry
CD3+ %	78	%	60-85	Flow Cytometry
CD4+ Absolute Count (T_Helper_Cells)	246	Cells/µL	400-1500	Flow Cytometry
CD4+ %	20	%	30-50	Flow Cytometry
CD8+ Absolute Count (T_Suppressor_Cells)	680	Cells/µL	200-1100	Flow Cytometry
CD8+ %	55	%	10-35	Flow Cytometry
CD4 / CD8 Ratio	0.36		0.7-3.5	Flow Cytometry

Comments:

- **Software used-** Clinical Software BD FACS Canto II
- **Cell Preparation Method** -Lye nowash procedure
- CD4 counts > 500 cells/mm³ progressed as rapidly to AIDS and death as those with much lower counts when their viral load levels were > 10,190 copies/mL. In current clinical practice, a CD4 cell count of fewer than 500 CD4 cells/mm³ is commonly used as the trigger to start anti-HIV treatment. This recommendation needs to be reconsidered, given the researchers' finding that 50% of the men in the study with greater than 500 CD4 cells/mm³ (median CD4 count 781 cells/mm³) at study entry and a viral load greater than 10,190 copies/mL died within 6 years after entering the study.
- The decision to begin anti-HIV therapy should not be based solely on CD4 cell counts. Individuals should consider starting anti-HIV therapy when their viral load is greater than 10,000 copies/mL, regardless of their CD4 cell count. These conclusions do not diminish the value of CD4 cell testing in the management of HIV disease, which continues to serve as a reliable marker for predicting the risk of opportunistic infections and for determining the appropriate timing of initiating preventive treatment for these infections. In addition, many clinicians believe that a CD4 count less than 350 cells/mm³ represents an indication for starting anti-HIV therapy, regardless of HIV viral load.

Correlate Clinically.

Result rechecked and verified for abnormal cases.

*** End Of Report ***



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Sana
DR. SANA FIRDOUS
MBBS, DNB (Pathology)

Note: If the test results are alarming or unexpected, Client is advised to contact the laboratory immediately for possible remedial action.

N1396649

Mrs. K AGHATOLI

Director:

03

Panel: 3/8/45/4 + TruC
 Acquired: 01-Oct-23 12:13:23 PM
 Analyzed: 01-Oct-23 12:13:23 PM
 TruC Lot ID: 3027624
 Bead/Pellet: 49100
 Operator: B.V SAMPATH
 Results: 01102023.csv

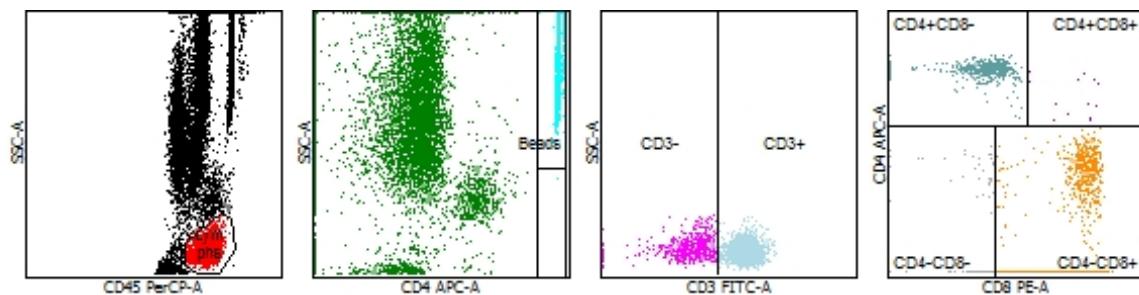
Column #1: 34 YRS/Female

BD FACSCanto II V33896202252

BD FACSCanto v.3.0.4894.41215

CD3/CD8/CD45/CD4 TruC

Total Events: 13442



Mrs. K AGHATOLI005.001.fcs

Reagent Lot ID: 57579

Parameter	Percent	Value/AbsCnt
Lymph Events		2550
Bead Events		2047
CD3+	78.75	963.29
CD3+CD8+	55.61	680.25
CD3+CD4+	20.12	246.10
CD3+CD4+CD8+	0.59	7.20
CD45+		1223.30
4/8 Ratio		0.36

QC Messages

% T-Sum is: 3.02

4/8 ratio is: 0.36

Comments