

Client  
Gurugram  
Pathkind Diagnostics Pvt. Ltd.  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By  
Pathkind Diagnostics Pvt. Ltd.  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Mr. FC03	Billing Date	: 07/07/2023 12:22:39
Age	: 35 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Male	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100012748	Report Released on	: 14/07/2023 15:47:48
Accession No	: 10002304804	Barcode No.	: 10002304804-01
Referring Doctor	: Self	Ref no.	:
Referred By	:		

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
-----------	--------	--------------------------	------

HAEMATOLOGY

CD4 Percentage & Absolute Count

CD4 Absolute Count <i>Sample: Whole Blood EDTA</i>	525	400 - 1500	cells/ $\mu$ l
% of CD4 T Lymphocyte <i>Sample: Whole Blood EDTA</i>	42.0	30.0 - 50.0	%

CD4 Percentage & Absolute Count

Clinical Significance

CD4 cells are Helper T-cells and they express both CD3 and CD4. Helper T-cell levels are a criterion for categorizing HIV-related clinical conditions by the CDCs classification system for HIV infection. The measurement of Helper T-cell level has been used to establish decision points for initiating PJIroveci (Pneumocystis carinii) prophylaxis, antiviral therapy and to monitor the efficacy of treatment. It is recommended that Helper T-cell levels be monitored every three to six months in all HIV-infected persons. During HIV infection, antiviral therapy is often initiated when the absolute CD4 count drops below 500 cells/uL. When the absolute CD4 count drops below 200 cells/ul, therapeutic prophylaxis against PCP and other opportunistic infections may be initiated. When the absolute CD4 count drops below 100 cells/ul, prophylaxis against Mycobacterium avium complex is recommended.

\*\* End of Report\*\*



Dr. Aarti Khanna Nagpal  
DNB (Pathology)  
Senior Consultant

