



ISO 9001 : 2008 CERTIFIED LAB

KOS Diagnostic Lab
(A Unit of KOS Healthcare)



Dr. Vinay Chopra
MD (Pathology & Microbiology)
Chairman & Consultant Pathologist

Dr. Yugam Chopra
MD (Pathology)
CEO & Consultant Pathologist

LABORATORY REPORT



Name : Mr. NISHA	Sex/Age : Male/30 Years	Case ID : 30300116427
Ref By :	Dis. Loc. :	Pt ID :
Bill. Loc. : Neuberg Diagnostics Pvt Ltd Delhi		Pt. Loc. :
Registration Date & Time : 12-Mar-2023 12:45	Sample Type : Whole Blood EDTA	Ph # :
Sample Date & Time : 12-Mar-2023 12:45	Sample Coll. By :	Ref Id : 2155147838
Report Date & Time : 13-Mar-2023 19:06	Acc. Remarks :	Ref Id 2 : NDPL DELHI

Lymphocyte Subset Analysis

SPECIMEN: Peripheral Blood

CD markers used:

- CD3,CD16+56,CD19,CD7,CD8,CD4/CD20,CD45

INTERPRETATION:

TLC		Percentage	Denominator	Absolute number/ μ l
6940	Lymphocyte percentage	14.80%	Total viable cells	1027
	B cells (CD19+)	12.1%	Total lymphocytes	124
	T cells (CD3+)	81.1%	Total lymphocytes	833
	CD4 positive	67.5%	Total T cells	562
	CD8 positive	24.1%	Total T cells	201
	CD4:CD8 ratio	2.8:1	NA	NA
	NK cells (CD3-CD16/56+)	6.3%	Total lymphocytes	65

LYMPHOCYTE SUBSET REFERENCE RANGES

Age	Total T Cells (CD3)		Helper T Cells (CD4)		Cytotoxic T Cells (CD8)		B Cells (CD19)		Natural Killer Cells (CD16+CD56)	
	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)
0-2 Months	2500 – 5500	53 – 84	1600 – 4000	35 – 64	560 – 1700	12 – 28	300 – 2000	6 – 32	170 – 1100	4 – 18
3-5 Months	2500 – 5600	51 – 77	1800 – 4000	35 – 56	590 – 1600	12 – 23	430 – 3000	11 – 41	170 – 830	3 – 14
6-11 Months	1900 – 5900	49 – 76	1400 – 4300	31 – 56	500 – 1700	12 – 24	610 – 2600	14 – 37	160 – 950	3 – 15
12-23 Months	2100 – 6200	53 – 75	1300 – 3400	32 – 51	620 – 2000	14 – 30	720 – 2600	16 – 35	180 – 920	3 – 15

For specimens received from non NCGM locations, it is presumed that it belongs to the patient as identified on the labels of the container/Test Requisition Form and it has been verified as per GCLP (Good Clinical Lab Practices) by the referrer at the time of collection of the specimen. NCGM's responsibility is limited to the analytical part of the assay performed.

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Vaishvi

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M.D. (Pathologist)

Arpan

Dr. Arpan K. Mehta
MD Path, PDF Lab Haemat.,
PDF Mol. Haemonc.

Printed On : 13-Mar-2023 19:13

NOTE:

This Sample was outsourced

KOS Central Lab: 6349/I, Nicholson Road, Ambala Cantt -133 001, Haryana

KOS Molecular Lab: IIInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

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2.5 Years	1400 – 3700	56 – 75	700 – 2200	28 – 47	490 – 1300	16 – 30	370 – 1400	14 – 33	130 – 720	4 – 17
6.11 Years	1200 – 2600	60 – 76	650 – 1500	31 – 47	370 – 1100	18 – 35	270 – 860	13 – 27	100 – 480	4 – 17
12-17 Years	1000 – 2200	56 - 84	530 – 1300	31 – 52	330 – 920	18 – 35	110 – 570	6 – 23	70 – 480	3 – 22
Adult	527 - 2846	49 – 81	332 - 1642	28 - 51	170 – 811	12 - 38	78 - 899	7 - 23	67 - 1134	6 - 29

Pediatric Ranges adopted from Shearer WT, Rosenblatt HM, Gelman RS, et al: Lymphocyte subsets in healthy children from birth through 18 years of age: The Pediatric AIDS Clinical Trials Group P1009 study. J Allergy Clin Immunol 2003;112(5):973-980
Adult Ranges established at Albany Medical Center.

----- End Of Report -----

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