



<b>Dr. Vinay Cho</b> MD (Pathology & M Chairman & Consul		crobiology) MD (Pathol		D (Pathology)
NAME	: Mr. SUNNY ANAND			
AGE/ GENDER	: 52 YRS/MALE		PATIENT ID	: 1578152
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012408120047
REFERRED BY	:		<b>REGISTRATION DATE</b>	: 12/Aug/2024 01:30 PM
BARCODE NO.	: 01514953		COLLECTION DATE	: 12/Aug/2024 04:09PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 12/Aug/2024 04:46PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	SALA CANT"	ľ	
Test Name		Value	Unit	Biological Reference interval
		HAEN	/IATOLOGY	
	CON	/IPLETE BI	LOOD COUNT (CBC)	
RED BLOOD CELLS (R	BCS) COUNT AND INDICES		. ,	
HAEMOGLOBIN (HB)		12.9	gm/dL	12.0 - 17.0
RED BLOOD CELL (RB	C) COUNT OCUSING, ELECTRICAL IMPEDENCE	4.8	Millions/	2.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER		40.6	%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER		84.6	fL	80.0 - 100.0
MEAN CORPUSCULA	R HAEMOGLOBIN (MCH)	26.8 <sup>L</sup>	pg	27.0 - 34.0
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER		31.6 <sup>L</sup>	g/dL	32.0 - 36.0
RED CELL DISTRIBUTI	ION WIDTH (RDW-CV)	14.4	%	11.00 - 16.00
RED CELL DISTRIBUTI	ON WIDTH (RDW-SD)	45.6	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		17.63	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE	X	25.31	RATIO	BETA THALASSEMIA TRAIT: < = 65.0
WHITE BLOOD CELLS	(WBCS)			IRON DEFICIENCY ANEMIA: > 65.0
TOTAL LEUCOCYTE CO		9160	/cmm	4000 - 11000
NUCLEATED RED BLO		NIL		0.00 - 20.00
NUCLEATED RED BLO by CALCULATED BY AN MICROSCOPY DIFFERENTIAL LEUCO	UTOMATED HEMATOLOGY ANALYZER &	NIL	%	< 10 %

DIFFERENTIAL LEUCOCYTE COUNT (DLC)



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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

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Test Name	Value	Unit	Biological Reference interval

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

Test Name	Value	Unit	Biological Reference Interval
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	67	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	23	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	9	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT	0	%	0 - 1
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	6137	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2107	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	92	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKEE	824 RS.	/cmm	80 - 880
PLATELET COUNT (PLT) by Hydro dynamic focusing, electrical impedence	143000 <sup>L</sup>	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.16	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	16 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	68000 <sup>H</sup>	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	69 <sup>H</sup>	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.7	%	15.0 - 17.0

RECHECKED.



**DR.VINAY CHOPRA** CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 12/Aug/2024 05:01PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	ERYT	HROCYTE SEDIN	IENTATION RATE (ES	R)
	MENTATION RATE (ESR)	15	mm/1st h	nr 0 - 20
olycythaemia), sign sickle cells in sickl OTE: ESR and C - reactive Generally, ESR doe CRP is not affected If the ESR is elevate Women tend to ha Drugs such as dext	ificantly high white blood cell of e cell anaemia) also lower the e protein (C-RP) are both marke s not change as rapidly as does by as many other factors as is E ed, it is typically a result of two ye a higher ESR, and menstruati	count (leucocytosis) ESR. CRP, either at the s SR, making it a bett types of proteins, g on and pregnancy of	), and some protein abno start of inflammation or as e <b>r marker of inflammatior</b> globulins or fibrinogen. an cause temporary eleva	n.

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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CLIENT ADDRESS	. 0343/ 1, MenoLSO	N KOAD, ANIDALA (				
Test Name		Valu	he	Unit	Biolog	jical Reference interval
			VITAN /25 HYD	MINS ROXY VITAMIN D3		
					DECIC	IENCY: < 20.0
VITAMIN D (25-HYDR by CLIA (CHEMILUMINI	ESCENCE IMMUNOASSA		ŗ∟	ng/mL	INSUF SUFFI	FICIENCY: 20.0 - 30.0 FICIENCY: 20.0 - 30.0 CIENCY: 30.0 - 100.0 CITY: > 100.0
INTERPRETATION:					· · ·	_
DEFIC		< 20			ng/mL	
PREFFEREI		21 - 29 30 - 100		,	ng/mL ng/mL	
INTOXIC	ATION:	> 100	> 100 ng		j/mL	animals, Vitamin D3), or by
conversion of 7- dihvd 2.25-OHVitamin D re tissue and tightly bour 3.Vitamin D plays a pr phosphate reabsorptid 4.Severe deficiency ma DECREASED: 1.Lack of sunshine exp 2.Inadequate intake, r 3.Depressed Hepatic V 4.Secondary to advance 5.Osteoporosis and Se 6.Enzyme Inducing dru INCREASED: 1. Hypervitaminosis D severe hypercalcemia CAUTION: Replacemer hypervitaminosis D	Irocholecalciferol to Vi presents the main boc nd by a transport prot imary role in the main on, skeletal calcium de ay lead to failure to m posure. malabsorption (celiac o /itamin D 25- hydroxyl ced Liver disease condary Hyperparathr gs: anti-epileptic drug is Rare, and is seen or and hyperphophatemi at therapy in deficient matividuals as compare t	itamin D3 in the skin ly resevoir and trans ein while in circulat itenance of calcium eposition, calcium m ineralize newly forn disease) ase activity roidism (Mild to Mo is like phenytoin, ph nly after prolonged e a. individuals must be	n upon UI sport forn ion. homeost. nobilizatio ned osteo derate de nenobarbi exposure t monitore	traviolet exposure. n of Vitamin D and transp atis. It promotes calcium on, mainly regulated by p id in bone, resulting in r eficiency) tal and carbamazepine, to extremely high doses d by periodic assessmen	port form of Vitam absorption, rena varathyroid harmo ickets in children a that increases Vita of Vitamin D. Whe t of Vitamin D leve	in D, being stored in adipose I calcium absorption and ne (PTH). and osteomalacia in adults. amin D metabolism. en it occurs, it can result in
	hor	*** End	Of Rep	ort ***		

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