

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



KOS Diagnostic Lab (A Unit of KOS Healthcare)

0 9001.2008 CENT	IFIED LAD		I EXCELLENCE	EIN NEWLINCARE & DIA	00031123
	<b>Dr. Vinay Chop</b> MD (Pathology & Mi Chairman & Consult	Dr. Yugam Chopra MD (Pathology) t CEO & Consultant Pathologist			
NAME	: Mr. RATTAN LAL				
AGE/ GENDER	: 50 YRS/MALE		PATIENT ID	:	1725244
COLLECTED BY	:		REG. NO./LAB	NO. :	012501160011
REFERRED BY	:		REGISTRATIO		16/Jan/2025 10:01 AM
SARCODE NO.	: 01523942		COLLECTION D		16/Jan/2025 10:06AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AM	BALA CANTI	<b>REPORTING D</b>	AIE :	16/Jan/2025 11:12AM
Test Name		Value		Unit	<b>Biological Reference interval</b>
		HAEM	ATOLOGY		
	СОМ	IPLETE BI	OOD COUNT	(CBC)	
ED BLOOD CELLS	S (RBCS) COUNT AND INDICES				
IAEMOGLOBIN (H by Calorimetric	B)	14.4		gm/dL	12.0 - 17.0
ED BLOOD CELL (	RBC) COUNT	4.75		Millions/cm	m 3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY AN		43.1		%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZE		90.9		fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZEF		30.4		pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC UTOMATED HEMATOLOGY ANALYZER	) <b>33.4<sup>L</sup></b>		g/dL	32.0 - 36.0
	UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	14.1		%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER		48		fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		19.14		RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by calculated WHITE BLOOD CELLS (WBCS)		27.06		RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
TOTAL LEUCOCYTE COUNT (TLC) by flow cytometry by sf cube & microscopy NUCLEATED RED BLOOD CELLS (nRBCS) by Automated 6 part Hematology Analyzer NUCLEATED RED BLOOD CELLS (nRBCS) % by Calculated by Automated Hematology Analyzer		13690 <sup>H</sup>		/cmm	4000 - 11000
		NIL			0.00 - 20.00
		NIL		%	< 10 %





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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

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Dr. Vinay Chopra



Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. RATTAN LAL AGE/ GENDER : 50 YRS/MALE **PATIENT ID** :1725244 **COLLECTED BY** :012501160011 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 16/Jan/2025 10:01 AM **BARCODE NO.** :01523942 **COLLECTION DATE** : 16/Jan/2025 10:06AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :16/Jan/202511:12AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 69 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 21% 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 2 EOSINOPHILS % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 8 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 2000 - 7500 9446<sup>H</sup> /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2875 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 274/cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 1095<sup>H</sup> /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 147000<sup>L</sup> /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.18 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 16<sup>H</sup> fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 99000<sup>H</sup> by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 69.7<sup>H</sup> 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.3% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ADVICE **KINDLY CORRELATE CLINICALLY** 

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









	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	NTT	
Test Name	Value	Unit	Biological Reference interval

Test Name

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED.



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

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LIENT ADDRESS	: 6349/1, NICHOLSO	ON ROAD, AMBALA CANTT				
Fest Name		Value	Unit	Biological Reference interval		
		VII	AMINS			
		VITAMIN D/25 H	YDROXY VITAMIN D	3		
	ROXY VITAMIN D3 SCENCE IMMUNOASSAY		ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0		
<u>Nterpretation:</u> Defici	IENT:	< 20	n	g/mL		
INSUFFICIENT:		21 - 29		ng/mL		
PREFFERED RANGE: INTOXICATION:		<u> </u>		g/mLg/mL		
ssue and tightly bour Vitamin D plays a pr hosphate reabsorptic Severe deficiency ma ECREASED: Lack of sunshine exp Inadequate intake, r Depressed Hepatic V Secondary to advanc Osteoporosis and Se Enzyme Inducing dru VCREASED: Hypervitaminosis D evere hypercalcemia AUTION: Replacemen ypervitaminosis D	nd by a transport pro imary role in the mai on, skeletal calcium d ay lead to failure to n osure. malabsorption (celiac (itamin D 25- hydroxy ced Liver disease condary Hyperparath gs: anti-epileptic dru is Rare, and is seen o and hyperphophatem it therapy in deficient adividuals as compare	tein while in circulation. Intenance of calcium home eposition, calcium mobiliza ineralize newly formed os disease) lase activity roidism (Mild to Moderate gs like phenytoin, phenoba nly after prolonged exposu ia. individuals must be monitor	ostatis. It promotes calciur ation, mainly regulated by teoid in bone, resulting in r e deficiency) irbital and carbamazepine, re to extremely high doses ored by periodic assessmer	port form of Vitamin D, being stored in adipose n absorption, renal calcium absorption and parathyroid harmone (PTH). rickets in children and osteomalacia in adults. that increases Vitamin D metabolism. of Vitamin D. When it occurs, it can result in nt of Vitamin D levels in order to prevent ciency due to excess of melanin pigment which		
		*** End Of R	eport ***			
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