

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

NAME : Mrs. RANI

AGE/ GENDER : 65 YRS/FEMALE **PATIENT ID** : 1776704

COLLECTED BY : REG. NO./LAB NO. : 012503030047

 REFERRED BY
 : 03/Mar/2025 02:31 PM

 BARCODE NO.
 : 01526399
 COLLECTION DATE
 : 03/Mar/2025 02:33 PM

 CLIENT CODE.
 : KOS DIAGNOSTIC LAB
 REPORTING DATE
 : 03/Mar/2025 03:09 PM

CLIENT ADDRESS: 6349/1, NICHOLSON ROAD, AMBALA CANTT

Test Name Value Unit Biological Reference interval

HAEMATOLOGY COMPLETE BLOOD COUNT (CBC)

RED BLOOD CELLS (RBCS) COUNT AND INDICES

HAEMOGLOBIN (HB) by CALORIMETRIC	8.4 ^L	gm/dL	12.0 - 16.0
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	2.65 ^L	Millions/cmm	3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	27.8 ^L	%	37.0 - 50.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	105 ^H	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	31.9	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	30.4^{L}	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	16	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	62.8 ^H	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	39.62	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	63.8	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (WBCS)			
TOTAL LEUCOCYTE COUNT (TLC) by Flow cytometry by SF cube & microscopy	7160	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS) by automated 6 part hematology analyzer	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) %	NIL	%	< 10 %



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

DR.YUGAM CHOPRA
CONSULTANT PATHOLOGIST
MRBS. MD (PATHOLOGY)



by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER



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Test Name		Value	Unit	Biological Reference interval			
DIFFERENTIAL LEUCOCYTE COUNT (DLC)							
NEUTROPHILS by Flow Cytometry by SF cube & M	MICROSCOPY	49 ^L	%	50 - 70			
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & N		40	%	20 - 40			
EOSINOPHILS by flow cytometry by SF cube & M	MICROSCOPY	5	%	1 - 6			
MONOCYTES by Flow cytometry by SF cube & M		6	%	2 - 12			
BASOPHILS by flow cytometry by sf cube & n	MICROSCOPY	0	%	0 - 1			
ABSOLUTE LEUKOCYTES (WBC) COUNT							
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & M	MICROSCOPY	3508	/cmm	2000 - 7500			
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & N		2864	/cmm	800 - 4900			
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & N		358	/cmm	40 - 440			
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & M		430	/cmm	80 - 880			
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & M		0	/cmm	0 - 110			
ABSOLUTE IMMATURE GRANULO by FLOW CYTOMETRY BY SF CUBE & M		0	/cmm	0.0 - 999.0			
PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.							
PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECT	RICAL IMPEDENCE	390000	/cmm	150000 - 450000			
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECT	RICAL IMPEDENCE	0.43 ^H	%	0.10 - 0.36			
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, elect		11	fL	6.50 - 12.0			
PLATELET LARGE CELL COUNT (by HYDRO DYNAMIC FOCUSING, ELECT		130000 ^H	/cmm	30000 - 90000			
PLATELET LARGE CELL RATIO (I by HYDRO DYNAMIC FOCUSING, ELECT		33.3	%	11.0 - 45.0			
PLATELET DISTRIBUTION WIDT by HYDRO DYNAMIC FOCUSING, ELECT		16.5	%	15.0 - 17.0			



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Test Name Value Unit **Biological Reference interval**

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NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

End Of Report



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