

# **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 : Mr. SARVESH SHARMA

**AGE/ GENDER** : 58 YRS/MALE **PATIENT ID** : 1718490

COLLECTED BY: SURJESH REG. NO./LAB NO. : 012501070036

 REFERRED BY
 : 07/Jan/2025 04:51 PM

 BARCODE NO.
 : 01523582
 COLLECTION DATE
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 CLIENT CODE.
 : KOS DIAGNOSTIC LAB
 REPORTING DATE
 : 07/Jan/2025 05:26PM

**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)	11.8 <sup>L</sup>	gm/dL	12.0 - 17.0
RED BLOOD CELL (RBC) COUNT by hydro dynamic focusing, electrical impedence	3.79	Millions/cmm	3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	36.7 <sup>L</sup>	%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	96.9	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	31	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	32	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	15.7	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	56.8 <sup>H</sup>	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	25.57	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	39.97	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (WBCS)			
TOTAL LEUCOCYTE COUNT (TLC)	$3350^{L}$	/cmm	4000 - 11000

TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	3350 <sup>L</sup>	/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 %



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Test Name	Value	Unit	Biological Reference interval		
DIFFERENTIAL LEUCOCYTE COUNT (DLC)					
NEUTROPHILS	70	%	50 - 70		
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	27	%	20 - 40		
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1	%	1 - 6		
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2	%	2 - 12		
BASOPHILS	0	%	0 - 1		
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  ABSOLUTE LEUKOCYTES (WBC) COUNT					
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2345	/cmm	2000 - 7500		
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	904	/cmm	800 - 4900		
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	34 <sup>L</sup>	/cmm	40 - 440		
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	67 <sup>L</sup>	/cmm	80 - 880		
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110		
PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.					
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	$134000^{L}$	/cmm	150000 - 450000		
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.17	%	0.10 - 0.36		
MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	13 <sup>H</sup>	fL	6.50 - 12.0		
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	62000	/cmm	30000 - 90000		
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	46.4 <sup>H</sup>	%	11.0 - 45.0		
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	17	%	15.0 - 17.0		



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