

## **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. SUMAN MITTEL

**AGE/ GENDER** : 62 YRS/FEMALE **PATIENT ID** : 1646692

COLLECTED BY : REG. NO./LAB NO. : 042410180002

 REFERRED BY
 : 18/Oct/2024 09:03 AM

 BARCODE NO.
 : A0465771
 COLLECTION DATE
 : 18/Oct/2024 09:34AM

 CLIENT CODE.
 : KOS DIAGNOSTIC SHAHBAD
 REPORTING DATE
 : 18/Oct/2024 09:56AM

**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	12.1	gm/dL	12.0 - 16.0
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	4.3	Millions/cmm	3.50 - 5.00
PACKED CELL VOLUME (PCV)  by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	38	%	37.0 - 50.0
MEAN CORPUSCULAR VOLUME (MCV)  by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	88.3	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH)  by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	28	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	31.8 <sup>L</sup>	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	12.5	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	42.5	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	20.53	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	25.54	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	6600	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS) by automated 6 part hematology analyzer	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS  by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	69	%	50 - 70



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DR.YUGAM CHOPRA
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MBBS , MD (PATHOLOGY)





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MD (Pathology & Microbiology)
Chairman & Consultant Pathologist

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Test Name				
NOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 7	Test Name	Value	Unit	Biological Reference interval
TO NONCYTOMETRY BY SF CUBE & MICROSCOPY ASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE LEUKOCYTES (WBC) COUNT BSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BSOLUTE BASOPHIL COUNT by HOPRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE		24	%	20 - 40
IASOPHILS 0. 9 % 0-1 IASOLUTE LEUKOCYTES (WBC) COUNT IASOLUTE LEUKOCYTES (WBC) COUNT IASOLUTE NEUTROPHIL COUNT 0. 9 % 0-7500 IASOLUTE NEUTROPHIL COUNT 0. 9 % 0-7500 IASOLUTE LYMPHOCYTE COUNT 0. 1584		O <sub>L</sub>	%	1 - 6
BSOLUTE NEUTROPHIL COUNT 4554 /cmm 2000 - 7500 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BISSOLUTE LYMPHOCYTE COUNT 1584 /cmm 800 - 4900 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BISSOLUTE EOSINOPHIL COUNT 0		7	%	2 - 12
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ALTELETS AND OTHER PLATELET PREDICTIVE MARKERS.  PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ABOUT BASOPHIL COUNT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ALTELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ALTELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ALTELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ALTELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ALTELET LISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ALTELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE ALTELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  MBSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  MBSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  MBSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  MBSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  MEATELETS AND OTHER PLATELET PREDICTIVE MARKERS.  PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEATELET LISTRIBUTION WIDTH (PDW)  MEAN PLATELET DISTRIBUTION WIDTH (PDW)  MEAN PLATELET DISTRIBUTION WIDTH (PDW)  MEAN PLATELET DISTRIBUTION WIDTH (PDW)  MEAN PLATELET LARGE CELL RATIO (P-LCR)  MEAN PLATELET DISTRIBUTION WIDTH (PDW)  MEAN PLATELET LARGE CELL COUSING, ELECTRICAL IMPEDENCE		4554	/cmm	2000 - 7500
ASSOLUTE MONOCYTE COUNT 462 /cmm 80 - 880  by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  MBSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110  by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  MATELETS AND OTHER PLATELET PREDICTIVE MARKERS.  PLATELET COUNT (PLT) 192000 /cmm 150000 - 450000  by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET VOLUME (MPV) 12H  by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL COUNT (P-LCC) 86000 /cmm 30000 - 90000  PLATELET LARGE CELL RATIO (P-LCR) 44.7 % 11.0 - 45.0  by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) 44.7 % 15.0 - 17.0  by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) 44.7 % 15.0 - 17.0  by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) 44.7 % 15.0 - 17.0  by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW) 16.2 % 15.0 - 17.0		1584	/cmm	800 - 4900
ABSOLUTE BASOPHIL COUNT BY FLOW CYTOMETRY BY SF CUBE & MICROSCOPY  PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.  PLATELET COUNT (PLT) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET CRIT (PCT) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET VOLUME (MPV) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL COUNT (P-LCC) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW) BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE			/cmm	40 - 440
LATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE LATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE		462	/cmm	80 - 880
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET CRIT (PCT)  BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET VOLUME (MPV)  BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL COUNT (P-LCC)  BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR)  BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW)  BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW)  BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW)  BY HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY		/cmm	0 - 110
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE  PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE		192000	/cmm	150000 - 450000
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 86000 /cmm 30000 - 90000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 44.7 % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 16.2 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	` ,	0.24	%	0.10 - 0.36
by HYDRO DYNAMIC FOCUSING, ÈLECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 44.7 % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 16.2 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE		12 <sup>H</sup>	fL	6.50 - 12.0
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 16.2 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE		86000	/cmm	30000 - 90000
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE		44.7	%	11.0 - 45.0
	by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	16.2	%	15.0 - 17.0

\*\* End Of Report \*?



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