

Dr. Vinay Chopra  
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Dr. Yugam Chopra  
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**NAME** : Mr. SATISH KUMAR  
**AGE/ GENDER** : 45 YRS/MALE  
**COLLECTED BY** :  
**REFERRED BY** :  
**BARCODE NO.** : A0465016  
**CLIENT CODE.** : KOS DIAGNOSTIC SHAHBAD  
**CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT

**PATIENT ID** : 1556477  
**REG. NO./LAB NO.** : 042407220003  
**REGISTRATION DATE** : 22/Jul/2024 10:57 AM  
**COLLECTION DATE** : 22/Jul/2024 03:29PM  
**REPORTING DATE** : 22/Jul/2024 04:02PM

Test Name	Value	Unit	Biological Reference interval
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**HAEMATOLOGY**  
**COMPLETE BLOOD COUNT (CBC)**

**RED BLOOD CELLS (RBCS) COUNT AND INDICES**

<b>HAEMOGLOBIN (HB)</b> by CALORIMETRIC	11 <sup>L</sup>	gm/dL	12.0 - 17.0
<b>RED BLOOD CELL (RBC) COUNT</b> by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	4.32	Millions/cmm	3.50 - 5.00
<b>PACKED CELL VOLUME (PCV)</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	34.9 <sup>L</sup>	%	40.0 - 54.0
<b>MEAN CORPUSCULAR VOLUME (MCV)</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	80.7	fL	80.0 - 100.0
<b>MEAN CORPUSCULAR HAEMOGLOBIN (MCH)</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	25.3 <sup>L</sup>	pg	27.0 - 34.0
<b>MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	31.4 <sup>L</sup>	g/dL	32.0 - 36.0
<b>RED CELL DISTRIBUTION WIDTH (RDW-CV)</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	16	%	11.00 - 16.00
<b>RED CELL DISTRIBUTION WIDTH (RDW-SD)</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	48.5	fL	35.0 - 56.0
<b>MENTZERS INDEX</b> by CALCULATED	18.68	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
<b>GREEN &amp; KING INDEX</b> by CALCULATED	29.7	RATIO	BETA THALASSEMIA TRAIT: < = 65.0 IRON DEFICIENCY ANEMIA: > 65.0

**WHITE BLOOD CELLS (WBCS)**

<b>TOTAL LEUCOCYTE COUNT (TLC)</b> by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7710	/cmm	4000 - 11000
<b>NUCLEATED RED BLOOD CELLS (nRBCS)</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER & MICROSCOPY	NIL		0.00 - 20.00
<b>NUCLEATED RED BLOOD CELLS (nRBCS) %</b> by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER & MICROSCOPY	NIL	%	< 10 %

**DIFFERENTIAL LEUCOCYTE COUNT (DLC)**



  
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NEUTROPHILS <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	68	%	50 - 70
LYMPHOCYTES <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	25	%	20 - 40
EOSINOPHILS <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	1	%	1 - 6
MONOCYTES <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	6	%	2 - 12
BASOPHILS <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	0	%	0 - 1
<b>ABSOLUTE LEUKOCYTES (WBC) COUNT</b>			
ABSOLUTE NEUTROPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	5243	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	1928	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	77	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	463	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT <i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>	0	/cmm	0 - 110
<b>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</b>			
PLATELET COUNT (PLT) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	147000 <sup>L</sup>	/cmm	150000 - 450000
PLATELETCRIT (PCT) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	0.2	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	16 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	82000 <sup>H</sup>	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	65.1 <sup>H</sup>	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>	16.3	%	15.0 - 17.0
NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD			



  
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RECHECKED.



  
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## CLINICAL CHEMISTRY/BIOCHEMISTRY

### GLUCOSE RANDOM (R)

GLUCOSE RANDOM (R): PLASMA by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD)	500.76 <sup>H</sup>	mg/dL	NORMAL: < 140.00 PREDIABETIC: 140.0 - 200.0 DIABETIC: > OR = 200.0
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#### INTERPRETATION

##### IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

1. A random plasma glucose level below 140 mg/dl is considered normal.
2. A random glucose level between 140 - 200 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
3. A random glucose level of above 200 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.

Rechecked

\*\*\* End Of Report \*\*\*



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