



Name: <b>PARTHA KONER</b>	Ward: <b>OPD</b>
Lab ID: <b>00000435</b>	Registration on: <b>28/09/2024 08:30:17</b>
Age & Sex: <b>33 Year   Male</b>	Reported on: <b>10:34:33</b>
Reference: <b>VELOCITY HOSPITAL</b>	Sample Type: <b>BLOOD &amp; URINE</b>

### CBC ESR

Test	Observed Value	Unit	Biological Reference Interval
Haemoglobin	15.1	g/dL	13.5 - 17.5
Total RBC	5.07	mill./cm	4.50 - 5.90
Total WBC	5820	/cmm	4000 - 11000
Platelet Count	204000	/cmm	150000 - 450000
HCT	47.7	%	36.0 - 48.0
MCV	94.1	fL	80.0 - 100.0
MCH	29.8	pg	27.0 - 32.0
MCHC	31.7	g/dL	31.5 - 36.0
<u>DIFFERENTIAL COUNT</u>			
Neutrophils	56	%	40 - 70
Lymphocytes	38	%	20 - 40
Eosinophils	03	%	02-05
Monocytes	03	%	01-07
Basophils	00	%	00 - 02
Band Cells	00	%	0.0 - 6.0
<u>ABSOLUTE DIFFERENTIAL COUNT</u>			
Neutrophils	3259	/cumm	2000 - 7000
Lymphocytes	2212	/cumm	1000 - 3000
Eosinophils	175	/cumm	20 - 500
Monocytes	175 L	/cumm	200 - 1000
Basophils	0	/cumm	0 - 100
<u>GLR / NLR</u> (Neutrophil/Lymphocyte Ratio)	1.5		
<u>MENTZER INDEX</u>	18.6		
RDW-CV	12.8	%	11.1 - 14.1
RDW-SD	48.2	fl	
MPV	9.2	fl	
PCT	0.19	%	

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PDW 18.7 %

PERIPHERAL SMEAR EXAMINATION

RBC Morphology Normochromic and normocytic.  
WBC Morphology Appear normal, Immature cells are not seen .  
Platelets in Smear Adequate.

Malarial Parasites Not Detected.

ESR  
AFTER 1 HOUR 42 H mm/hr 0.0 - 15.0



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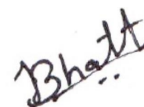


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## BLOOD GROUP

Test	Observed Value	Unit	Biological Reference Interval
Blood Group	"B"		
Rh Factor	POSITIVE		



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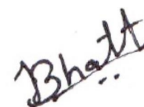


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## BLOOD GLUCOSE TEST

Test	Observed Value	Unit	Biological Reference Interval
Sample <u>FASTING (FBS)</u> Blood Sugar-F	FLOURIDE PLASMA  77.6	  mg/dL	  70.00-110.00



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### LIPID PROFILE

Test	Observed Value	Unit	Biological Reference Interval
Sample	Fasting Blood Serum		
Cholesterol	167.3	mg/dL	<200 Desirable 200-29 Borderline >240 High
Triglyceride	114.1	mg/dL	<150 Normal 150-199 Borderline 200-499 High >=500 Very High
HDL Cholesterol	41.8	mg/dL	40-60
VLDL	22.82	mg/dL	0.00 - 30.00
LDL Cholesterol	102.68	mg/dL	< 130 : Optimal 130 - 159 : Borderline High 160 - 189 : High >= 190 : Very High
LDL Chol. / HDL Chol. Ratio	2.46		1.0 - 3.4
Cholesterol / HDL Chol. Ratio	4.0	H	0 - 3.5
Total Lipid	556.2	mg/dl	400.0 - 1000.0

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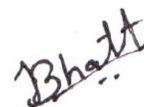
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## RENAL FUNCTION TEST

Test		Unit	
S. Creatinine	0.9	mg/dL	0.5-1.30
Bl. Urea	23.4	mg/dL	10.0 - 40.0
BUN	10.9	mg/dl	6.0 - 22.0
Uric Acid	3.81	mg/dL	3.5 - 7.2
<b>PROTEINS</b>			
Total Protein	6.2	g/dL	6.0 - 8.0
Albumin	3.79	g/dL	3.50 - 5.50
Globulin	2.4	g/dL	2.0 - 4.0
A/G Ratio	1.6		



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## LIVER FUNCTION TEST

Test	Observed Value	Unit	Biological Reference Interval
<b>BILIRUBIN</b>			
Total Bilirubin	0.3	mg/dL	0.00 - 1.20
Direct Bilirubin	0.2	mg/dL	0.00 - 0.40
Indirect Bilirubin	0.10 L	mg/dL	0.30 - 1.00
SGPT(ALT)	44.5 H	U/L	0.0 - 40.0
SGOT (AST)	24.7	U/L	0.0 - 46.0
Alkaline Phosphatase	74.2	U/L	40-129
<b>PROTEINS</b>			
Total Protein	6.2	g/dL	6.0 - 8.0
Albumin	3.79	g/dL	3.50 - 5.50
Globulin	2.4	g/dL	2.0 - 4.0
A/G Ratio	1.6		

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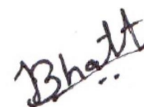
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## URINE ANALYSIS

Test	Observed Value	Unit	Biological Reference Interval
Sample	Fresh Urine		
<u>PHYSICAL EXAMINATION</u>			
Quantity	10.0	mL	
Colour	Pale-Yellow		
Appearance	Clear		Clear
pH	6.0		
Specific Gravity	1.015		
Sediments	Absent		Absent
<u>CHEMICAL EXAMINATION</u>			
Protein (Albumin)	Absent		Absent
Sugar	Absent		Absent
Bile Salts	Absent		Absent
Bile Pigment	Absent		Absent
Ketone	Absent		Absent
Occult Blood	Absent		Absent
Nitrite	Absent		Absent
Leukocyte Esterase	Absent		Absent
Urobilinogen	Normal		Normal
<u>MICROSCOPIC EXAMINATION</u>			
Pus Cells	12-15	/hpf	Absent
Red Blood Cells	1-2	/hpf	Absent
Epithelial Cells	2-3	/hpf	Absent
Crystals	Absent		Absent
Amorphous material	Absent		Absent
Casts	Absent		Absent
Yeast	Absent		Absent
Bacteria	Few		Absent

--- End of Report ---



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