


 Name: **KEVIN RAMESHBHAI PATEL**

 Ward: **OPD**

 Lab ID: **00000439**

 Registration on: **28/09/2024 09:17:00**

 Age & Sex: **34 Year | Male**

 Reported on: **12:41:03**

 Reference: **VELOCITY HOSPITAL**

 Sample Type: **BLOOD & URINE**

## CBC ESR

Test	Observed Value	Unit	Biological Reference Interval
Haemoglobin	13.35 L	g/dL	13.5 - 17.5
Total RBC	5.83	mill./cm	4.50 - 5.90
Total WBC	6130	/cmm	4000 - 11000
Platelet Count	194500	/cmm	150000 - 450000
HCT	42.6	%	36.0 - 48.0
MCV	73.1 L	fL	80.0 - 100.0
MCH	22.9 L	pg	27.0 - 32.0
MCHC	31.3 L	g/dL	31.5 - 36.0

### DIFFERENTIAL COUNT

Neutrophils	61	%	40 - 70
Lymphocytes	35	%	20 - 40
Eosinophils	02	%	02-05
Monocytes	02	%	01-07
Basophils	00	%	00 - 02
Band Cells	00	%	0.0 - 6.0

### ABSOLUTE DIFFERENTIAL COUNT

Neutrophils	3739	/cumm	2000 - 7000
Lymphocytes	2146	/cumm	1000 - 3000
Eosinophils	123	/cumm	20 - 500
Monocytes	123 L	/cumm	200 - 1000
Basophils	0	/cumm	0 - 100

### GLR / NLR

(Neutrophil/Lymphocyte Ratio)

1.7

### MENTZER INDEX

12.5

RDW-CV	15.5	%	11.1 - 14.1
RDW-SD	45.3	fl	
MPV	8.0	fl	
PCT	0.16	%	

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PDW 18.9 %

PERIPHERAL SMEAR EXAMINATION

RBC Morphology Hypochromia(+),Microcytosis (+),Anisocytosis (+),Poikilocytosis (+),

WBC Morphology Appear normal,Immature cells are not seen .  
Platelets in Smear Adequate.

Malarial Parasites Not Detected.

Note Hb electrophoresis is advised to rule out thalassemia as Mentzer index is <13. ( low HB, high RBC count and low MCV) .

ESR  
AFTER 1 HOUR 18 H mm/hr 0.0 - 15.0

*Bhatt*

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## BLOOD GROUP

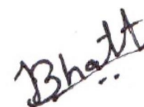
Test	Observed Value	Unit	Biological Reference Interval
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Blood Group

"O"

Rh Factor

POSITIVE



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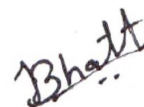
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## BLOOD GLUCOSE TEST

Test	Observed Value	Unit	Biological Reference Interval
Sample	FLOURIDE PLASMA		
<u>FASTING (FBS)</u>			
Blood Sugar-F	87.36	mg/dL	70.00-110.00



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Sample Type: **BLOOD & URINE**

## LIPID PROFILE

Test	Observed Value	Unit	Biological Reference Interval
Sample	Fasting Blood Serum		
Cholesterol	151.2	mg/dL	<200 Desirable 200-29 Borderline >240 High
Triglyceride	129.8	mg/dL	<150 Normal 150-199 Borderline 200-499 High >=500 Very High
HDL Cholesterol	34.40	L mg/dL	40-60
VLDL	25.96	mg/dL	0.00 - 30.00
LDL Cholesterol	90.84	mg/dL	< 130 : Optimal 130 - 159 : Borderline High 160 - 189 : High >= 190 : Very High
LDL Chol. / HDL Chol. Ratio	2.64		1.0 - 3.4
Cholesterol / HDL Chol. Ratio	4.4	H	0 - 3.5
Total Lipid	535.3	mg/dl	400.0 - 1000.0

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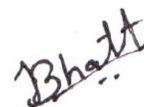
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## RENAL FUNCTION TEST

Test		Unit	
S. Creatinine	0.9	mg/dL	0.5-1.30
Bl. Urea	22.4	mg/dL	10.0 - 40.0
BUN	10.5	mg/dl	6.0 - 22.0
Uric Acid	5.54	mg/dL	3.5 - 7.2
<b>PROTEINS</b>			
Total Protein	6.3	g/dL	6.0 - 8.0
Albumin	4.01	g/dL	3.50 - 5.50
Globulin	2.3	g/dL	2.0 - 4.0
A/G Ratio	1.7		



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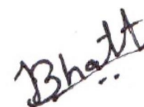
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## LIVER FUNCTION TEST

Test	Observed Value	Unit	Biological Reference Interval
<b>BILIRUBIN</b>			
Total Bilirubin	0.5	mg/dL	0.00 - 1.20
Direct Bilirubin	0.2	mg/dL	0.00 - 0.40
Indirect Bilirubin	0.30	mg/dL	0.30 - 1.00
SGPT(ALT)	22.89	U/L	0.0 - 40.0
SGOT (AST)	24.38	U/L	0.0 - 46.0
Alkaline Phosphatase	85.3	U/L	40-129
<b>PROTEINS</b>			
Total Protein	6.3	g/dL	6.0 - 8.0
Albumin	4.01	g/dL	3.50 - 5.50
Globulin	2.3	g/dL	2.0 - 4.0
A/G Ratio	1.7		



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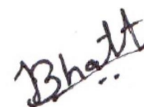
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## URINE ANALYSIS

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	2-3	/hpf	Absent
Red Blood Cells	Absent	/hpf	Absent
Epithelial Cells	2-3	/hpf	Absent
Crystals	Absent		Absent
Amorphous material	Absent		Absent
Casts	Absent		Absent
Yeast	Absent		Absent
Bacteria	Absent		Absent

--- End of Report ---



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