

Name : Mr. PRAMOD KUMAR TIWARI

PID No. : MED210062969

SID No. : 81028085

Age / Sex : 52 Year(s) / Male

Type : OP

Ref. Dr : DR. MO.SADAR DTO

Register On : 02/07/2024 12:57 PM

Collection On : 02/07/2024 3:13 PM

Report On : 03/07/2024 9:20 AM

Printed On : 05/07/2024 2:05 PM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
<b><u>Complete Blood Cell Count</u></b>			
RDW (Blood)	16.2	%	13 - 17
Haemoglobin (EDTA Blood/Automated Blood cell Counter)	7.7	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Automated Blood cell Counter)	24.5	%	42 - 52
RBC Count (EDTA Blood/Automated Blood cell Counter)	2.50	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood/Automated Blood cell Counter)	82.4	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Automated Blood cell Counter)	30.1	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Automated Blood cell Counter)	35.2	g/dL	32 - 36
Platelet Count (EDTA Blood/Automated Blood cell Counter)	1.64	lakh/cu.mm	1.4 - 4.5
Total Leukocyte Count (TC) (EDTA Blood/Automated Blood cell Counter)	10200	cells/cu.mm	4000 - 11000
<b><u>Diferential Leucocyte Count</u></b>			
Neutrophils (Blood)	70	%	40 - 75
Lymphocytes (Blood)	20	%	20 - 45
Eosinophils (Blood)	04	%	01 - 06
Monocytes (Blood)	06	%	01 - 10
Basophils (Blood/Automated Blood cell Counter)	00	%	00 - 02



  
**Dr. Birendra Prasad**  
MBB (Pathology)  
Consultant Pathologist  
Reg. No.: 13863(Bihar)

APPROVED BY

The results pertain to sample tested.

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Glucose - Random (RBS) (Serum - Random/GOD- POD)	133	mg/dL	< 200
<b>INTERPRETATION:</b> Note: Factors such as type & time of food intake,infection, physical or psychological stress, exercise & drugs can influence blood glucose levels			
Sodium (Serum/Ion selective electrode (ISE))	134.0	mmol/L	136 - 145
Potassium (Serum/Ion selective electrode (ISE))	5.1	mmol/L	3.5 - 5.1
Chloride (Serum/Ion selective electrode (ISE))	97.0	mmol/L	98 - 107
Ionised Calcium * (Serum/Ion selective electrode (ISE))	0.85	mmol/L	1.15 - 1.35
<b><u>Liver Function Test</u></b>			
Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	1.1	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.2	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.9	mg/dL	0.1 - 1.0
Total Protein (Serum/Biuret)	7.3	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.1	gm/dL	3.5 - 5.2
Globulin (Serum/Derived)	3.2	gm/dL	2.3 - 3.6
A : G Ratio (Serum/Derived)	1.3		1.1 - 2.2
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC Kinetic)	14.0	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC / Kinetic)	35.0	U/L	5 - 41



  
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Alkaline Phosphatase (SAP) (Serum/PNPP / Kinetic)	122.5	U/L	56 - 119
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	47	U/L	< 55

**Kidney / Renal Function Test**  
**(Urea/Creatinine/Uric acid)**

Urea (Serum/Urease-GLDH/UV)	150.2	mg/dL	15 - 45
Creatinine (Serum/Jaffe Kinetic)	10.6	mg/dL	0.9 - 1.3

**INTERPRETATION:** Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin ,cefazolin, ACE inhibitors ,angiotensin II receptor antagonists,N-acetylcyteine , chemotherapeutic agent such as flucytosine etc.

Uric Acid (Serum/Uricase/Peroxidase)	7.40	mg/dL	3.5 - 7.2
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ANTI HCV (Serum/Immunochromatography)	Non Reactive		Non Reactive
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**INTERPRETATION:** This is only a screening test. False positive & False negative results are known to occur with this test. Advised tests like ELISA/PCR for confirmation of test results.

HBsAg (Screening) (Serum/Immunochromatography)	Non Reactive		Non Reactive
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-- End of Report --