Name
 :
 Mr. Rahul Saha
 Register On
 :
 12/02/2025 8:57 AM

 PID No.
 :
 MED111492219
 Collection On
 :
 12/02/2025 9:53 AM

 SID No.
 :
 425005701
 Report On
 :
 12/02/2025 4:53 PM

 Age / Sex
 :
 35 Year(s) / Male
 Printed On
 :
 17/02/2025 2:59 PM

medall

Type : OP

Ref. Dr : MediWheel

<u>Investigation</u>	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination) Complete Blood Count With - ESR	'O' 'Positive'		
Haemoglobin (EDTA Blood/SLS Hemoglobin method)	15.6	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/RBC pulse height detection method)	47.1	%	42 - 52
RBC Count (EDTA Blood/Impedance/Coulter Principle)	5.08	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood/Calculated)	92.6	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/ <i>Calculated</i>)	30.7	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Calculated)	33.2	g/dL	32 - 36
RDW-CV (EDTA Blood/Calculated)	14.8	%	11.5 - 16.0
RDW-SD (EDTA Blood/Calculated)	47.97	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance/Coulter Principle)	8200	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Flow cytometry)	52.3	%	40 - 75
Lymphocytes (EDTA Blood/Flow cytometry)	38.8	%	20 - 45
Eosinophils (EDTA Blood/Flow cytometry)	3.5	%	01 - 06
Monocytes (EDTA Blood/Flow cytometry)	5.0	%	01 - 10







 Name
 :
 Mr. Rahul Saha
 Register On
 :
 12/02/2025 8:57 AM

 PID No.
 :
 MED111492219
 Collection On
 :
 12/02/2025 9:53 AM

 SID No.
 :
 425005701
 Report On
 :
 12/02/2025 4:53 PM

 Age / Sex
 :
 35 Year(s) / Male
 Printed On
 :
 17/02/2025 2:59 PM

medall

Type : OP

Ref. Dr : MediWheel

<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval
Basophils (Blood/Flow cytometry)	0.4	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	er. All abnormal results a	are reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood/Calculated)	4.29	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Calculated)	3.18	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/ <i>Calculated</i>)	0.29	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/ <i>Calculated</i>)	0.41	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood/ <i>Calculated</i>)	0.03	10^3 / μl	< 0.2
Platelet Count (EDTA Blood/Impedance/Coulter Principle)	138	10^3 / μl	150 - 450
MPV (EDTA Blood/ <i>Calculated</i>)	13.1	fL	7.9 - 13.7
PCT (EDTA Blood/ <i>Calculated</i>)	0.18	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood/ <i>Capillary Photometry Technology</i>)	2	mm/hr	< 15
Glucose Fasting (FBS) (Plasma - F/ <i>Hexokinase</i>)	104.80	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine)	Negative		Negative
(Urine - F/ <i>Hexokinase</i>)			
Glucose Postprandial (PPBS)	83.61	mg/dL	70 - 140
(Plasma - PP/Hexokinase)			







: Mr. Rahul Saha Register On : 12/02/2025 8:57 AM Name PID No. : MED111492219 Collection On : 12/02/2025 9:53 AM : 425005701 SID No. Report On : 12/02/2025 4:53 PM

: 35 Year(s) / Male

Printed On : 17/02/2025 2:59 PM

Type : OP

Age / Sex

Ref. Dr : MediWheel



Investigation	<u>Observed</u>	<u>Unit</u>	<u>Biological</u>
	<u>Value</u>		Reference Interval

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Blood Urea Nitrogen (BUN)	9.0	mg/dL	7.0 - 21
(Serum/ <i>Urease UV / derived</i>)			
Creatinine	0.79	mg/dL	0.9 - 1.3

(Serum/Modified Jaffe)

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

Uric Acid (Serum/Enzymatic)	7.30	mg/dL	3.5 - 7.2
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.96	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.36	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.60	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	28.04	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	52.12	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	42.43	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	78.9	U/L	53 - 128
Total Protein (Serum/Biuret)	7.92	gm/dl	6.0 - 8.0







: Mr. Rahul Saha Name PID No. : MED111492219 SID No.

: 425005701

: MediWheel

: 35 Year(s) / Male

Age / Sex

Type : OP

Ref. Dr

Register On : 12/02/2025 8:57 AM

Collection On : 12/02/2025 9:53 AM

Report On : 12/02/2025 4:53 PM

Printed On : 17/02/2025 2:59 PM



Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Albumin (Serum/Bromocresol green)	5.05	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.87	gm/dL	2.3 - 3.6
A : G RATIO (Serum/ <i>Derived</i>)	1.76		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	172.74	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	167.76	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	58.14	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	81	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	33.6	mg/dL	< 30







: Mr. Rahul Saha Name PID No. : MED111492219 SID No.

: 425005701

Age / Sex : 35 Year(s) / Male

Type : OP

Ref. Dr : MediWheel Register On : 12/02/2025 8:57 AM Collection On : 12/02/2025 9:53 AM

Report On : 12/02/2025 4:53 PM

Printed On : 17/02/2025 2:59 PM



Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Non HDL Cholesterol (Serum/Calculated)	114.6	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1. Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	3	Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	2.9	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0

LDL/HDL Cholesterol Ratio 1.4 (Serum/Calculated)

Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)

Normal: 4.5 - 5.6 HbA1C 5.5 % Prediabetes: 5.7 - 6.4 (Whole Blood/HPLC) Diabetic: \geq 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

Estimated Average Glucose 111.15 mg/dL

(Whole Blood)







APPROVED BY

Name : Mr. Rahul Saha Register On : 12/02/2025 8:57 AM

PID No : MED111/492219 Collection On : 12/02/2025 8:53 AM

: 425005701 Report On : 12/02/2025 4:53 PM

Age / Sex : 35 Year(s) / Male Printed On : 17/02/2025 2:59 PM

Type : OP

SID No.

Ref. Dr : MediWheel

medall

Investigation	Observed Unit	<u>Biological</u>
	<u>Value</u>	Reference Interval

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values.

Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.08 ng/ml 0.7 - 2.04

(Serum/ECLIA)

INTERPRETATION:

Comment:

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Tyroxine) - Total 6.04 μ g/dl 4.2 - 12.0

(Serum/ECLIA)

INTERPRETATION:

Comment:

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) 4.09 µIU/mL 0.35 - 5.50

(Serum/ECLIA)

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment:

- 1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.
- 2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM. The variation can be of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
- 3. Values & amplt; 0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

PHYSICAL EXAMINATION (URINE

COMPLETE)







The results pertain to sample tested.

Page 6 of 11

 Name
 : Mr. Rahul Saha
 Register On
 : 12/02/2025 8:57 AM

 PID No.
 : MED111492219
 Collection On
 : 12/02/2025 9:53 AM

 SID No.
 : 425005701
 Report On
 : 12/02/2025 4:53 PM

 Age / Sex
 : 35 Year(s) / Male
 Printed On
 : 17/02/2025 2:59 PM

medall

Type : OP

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Unit</u> <u>Value</u>	<u>Biological</u> <u>Reference Interval</u>
Colour (Urine)	Pale yellow	Yellow to Amber
Appearance (Urine)	Clear	Clear
Volume(CLU) (Urine)	20	
<u>CHEMICAL EXAMINATION</u> (<u>URINE COMPLETE</u>)		
pH (Urine)	5.5	4.5 - 8.0
Specific Gravity (Urine)	1.005	1.002 - 1.035
Ketone (Urine)	Negative	Negative
Urobilinogen (Urine)	Normal	Normal
Blood (Urine)	Negative	Negative
Nitrite (Urine)	Negative	Negative
Bilirubin (Urine)	Negative	Negative
Protein (Urine)	Negative	Negative
Glucose (Urine/GOD - POD)	Negative	Negative
Leukocytes(CP) (Urine)	Negative	
MICROSCOPIC EXAMINATION		







(URINE COMPLETE)

Name : Mr. Rahul Saha **Register On** : 12/02/2025 8:57 AM PID No. : MED111492219 Collection On : 12/02/2025 9:53 AM : 425005701 SID No. Report On : 12/02/2025 4:53 PM Age / Sex : 35 Year(s) / Male

Printed On

Type : OP

Ref. Dr : MediWheel

medall
DIAGNOSTICS

<u>Investigation</u>	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Pus Cells (Urine)	0-2	/hpf	NIL
Epithelial Cells (Urine)	0-2	/hpf	NIL
RBCs (Urine)	NIL	/hpf	NIL
Others (Urine)	NIL		
INTERPRETATION: Note: Done reviewed and confirmed microscopi		& Automated urine se	dimentation analyser. All abnormal reports are
Casts (Urine)	NIL	/hpf	NIL
Crystals (Urine)	NIL	/hpf	NIL
PHYSICAL EXAMINATION COMPLETE)	(STOOL		
Mucus (Stool)	Absent		Absent
Consistency (Stool)	Semi Solid		Semi Solid to Solid
Colour (Stool)	Brown		Brown
Blood (Stool)	Absent		Absent
MICROSCOPIC EXAMINAT (STOOL COMPLETE)	TION		
Ova (Stool)	NIL		NIL
Cysts	NIL		NIL

: 17/02/2025 2:59 PM







(Stool)

Name : Mr. Rahul Saha
PID No. : MED111492219
SID No. : 425005701

Age / Sex : 35 Year(s) / Male

O1111492219 Collection

Collection On : 12/02/2025 9:53 AM

Register On

Report On

: 12/02/2025 8:57 AM

: 12/02/2025 4:53 PM

Printed On : 17/02/2025 2:59 PM

medall

Type : OP

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Trophozoites (Stool)	NIL		NIL
RBCs (Stool)	NIL	/hpf	Nil
Pus Cells (Stool)	0-2	/hpf	NIL
Others (Stool)	Undigested foo particles and bacteria seen.	d	

<u>CHEMICAL EXAMINATION(STOOL</u> <u>ROUTINE)</u>

Reaction Alkaline Alkaline

(Stool)

Reducing Substances Negative Negative

(Stool/Benedict's)







Name : Mr. Rahul Saha
PID No. : MED111492219

SID No. : 425005701

Age / Sex : 35 Year(s) / Male

BUN / Creatinine Ratio

Type : OP

Investigation

Ref. Dr : MediWheel

Register On : 12/02/2025 8:57 AM

Collection On : 12/02/2025 9:53 AM

Report On : 12/02/2025 4:53 PM

Printed On : 17/02/2025 2:59 PM

11.3



Observed
ValueUnit
Reference Interval

6.0 - 22.0





APPROVED BY

Name : Mr. Rahul Saha PID No. : MED111492219 : 425005701 SID No.

Age / Sex : 35 Year(s) / Male

Type : OP

Ref. Dr : MediWheel **Register On** : 12/02/2025 8:57 AM

Collection On : 12/02/2025 9:53 AM Report On : 12/02/2025 4:53 PM

Printed On : 17/02/2025 2:59 PM



Observed Investigation Value

<u>Unit</u>

Biological Reference Interval

URINE ROUTINE

STOOL ANALYSIS - ROUTINE



enior Consultant Pathologist KMC Reg. No.: 111248

APPROVED BY

-- End of Report --



Name	Mr.Rahul Saha	ID	MED111492219
Age & Gender	35/MALE	Visit Date	12/02/2025
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in size and shows diffusely increased echogenicity. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER shows normal shape and has clear contents. Gall bladder wall is of normal thickness. CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN shows normal shape, size and echopattern.

No demonstrable Para -aortic lymphadenopathy.

KIDNEYS move well with respiration and have normal shape, size and echopattern.

Cortico- medullary differentiations are well madeout. No evidence of calculus or hydronephrosis on the left side.

Right kidney shows mild hydronephrosis.

The kidney measures as follows:

	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	9.8	1.2
Left Kidney	10.2	1.4

URINARY BLADDER shows normal shape and wall thickness. It has clear contents. No evidence of diverticula.

Prevoid: 280cc Postvoid: 25cc

PROSTATE shows normal shape, size and echopattern.

No evidence of ascites / pleural effusion.

IMPRESSION:

- GRADE II FATTY LIVER.
- > RIGHT MILD HYDRONEPHROSIS ? UTI.
 - **Suggest correlation with urine analysis.

REPORT DISCLAIMER

- 1. This is only a radiologincal imperssion. Like other investigations, radiological investication also have limitation. Therefore radiologincal reports should be interpreted in correlation with clinical and pathological findings.
- 2. The results reported here in are subject to interpretation by qualified medical professionals only.
- 3. Customer identities are accepted provided by the customer or their representative.
- 4.information about the customer's condition at the time of sample collection such as fasting, food consumption, medication, etc are accepted as provided by the customer or representative and shall not be investigated for its truthfulness.
- 5.If any specimen/sample is received from any others laboratory/hospital,its is presumed that the sample belongs to the patient identified or named.
- 6.Test results should be interpreted in context of clinical and other findings if any. In case of any clarification /doubt, the refrering doctor/patient can contact the respective section head of the laboratory.
- 7.Results of the test are influenced by the various factors such as sensitivity, specificity of the procedures of the tests, quality of the samples and drug interactions etc.,
- 8.If the test results are found not to be correlating clinically can contact the lab in charge for clarification or retesting where practicable within 24 hours from the time of issue of results.
- 9.Liability is limited to the extend of amount billed.
- 10.Reports are subject to interpretation in their entirety.partial or selective interpretation may lead to false opinion.
- 11.Disputes, if any , with regard to the report findings are subject to the exclusive jurisdiction of the competent courts chennai only.



Name	Mr.Rahul Saha	ID	MED111492219
Age & Gender	35/MALE	Visit Date	12/02/2025
Ref Doctor Name	MediWheel		

DR. SURESH N.M CONSULTANT RADIOLOGIST

SMN/vp

REPORT DISCLAIMER

- 1.This is only a radiologincal imperssion.Like other investigations, radiological investication also have limitation. Therefore radiologincal reports should be interpreted in correlation with clinical and pathological findings.
- 2. The results reported here in are subject to interpretation by qualified medical professionals only.
- 3. Customer identities are accepted provided by the customer or their representative.
- 4.information about the customer's condition at the time of sample collection such as fasting, food consumption, medication, etc are accepted as provided by the customer or representative and shall not be investigated for its truthfulness.
- 5.If any specimen/sample is received from any others laboratory/hospital,its is presumed that the sample belongs to the patient identified or named.
- 6.Test results should be interpreted in context of clinical and other findings if any.In case of any clarification /doubt , the refrering doctor/patient can contact the respective section head of the laboratory.
- 7.Results of the test are influenced by the various factors such as sensitivity, specificity of the procedures of the tests, quality of the samples and drug interactions etc.,
- 8.If the test results are found not to be correlating clinically can contact the lab in charge for clarification or retesting where practicable within 24 hours from the time of issue of results.
- 9.Liability is limited to the extend of amount billed.
- O.Reports are subject to interpretation in their entirety.partial or selective interpretation may lead to false oninion
- 11.Disputes,if any , with regard to the report findings are subject to the exclusive jurisdiction of the competent courts chennai only.



Name	Mr. Rahul Saha	ID	MED111492219
Age & Gender	35Y/M	Visit Date	Feb 12 2025 8:56AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

Impression:

NO SIGNIFICANT ABNORMALITY DETECTED.

DR. APARNA

CONSULTANT RADIOLOGIST