



Healthy India ki Trusted Lab

smart Health Report

Sankar Roy M 26

Smart Summary

Lipid Profile

TOTAL CHOLESTEROL : 240
 TRIGLYCERIDES : 193
 HDL CHOLESTEROL : 52.6
 NON HDL CHOLESTEROL : 187.4
 LDL CHOLESTEROL : 148.8
 V.L.D.L CHOLESTEROL : 38.6
 LDL/HDL Ratio : 2.83

Complete Blood Count (CBC)

MCHC : 31
 RDW-SD : 45.5
 Mean Platelet Volume (MPV) : 13.3

Kidney Function Test (KFT)

BUN : 9.11
 UREA / CREATININE RATIO : 24.38
 URIC ACID : 7.3
 CALCIUM Serum : 10.2
 CHLORIDE : 107

Liver Function Test (LFT)

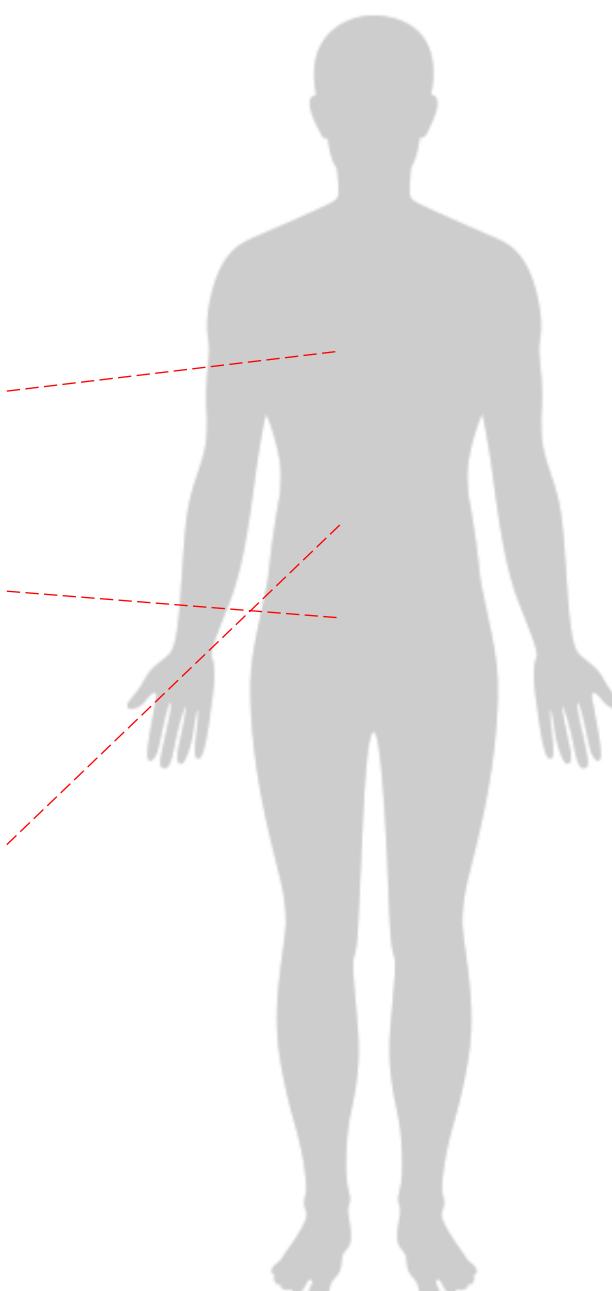
SGOT/AST : 34.7
 SGPT/ALT : 65.6
 ALKALINE PHOSPHATASE : 109

Glucose Fasting (BSF)

GLUCOSE FASTING : 115.2

Vitamin D 25 Hydroxy

Vitamin D 25 - Hydroxy : 20.21



Rheumatoid Factor (RF), Quantitative

Everything looks good!

Urine Routine and Microscopic Examination

Everything looks good!

C-Reactive Protein (CRP), Quantitative

Everything looks good!

Erythrocyte Sedimentation Rate (ESR)

Everything looks good!

Anti Streptolysin O (ASO), Quantitative

Everything looks good!

Anti Nuclear Antibody (ANA) By IFA (HEP-2)

Everything looks good!

Anti Cyclic Citrullinated Peptide Antibodies (Anti CCP)

Everything looks good!



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Lipid Profile

TOTAL CHOLESTEROL Test

The Total Cholesterol Test measures overall cholesterol levels, including HDL and LDL, to assess risk of heart disease and monitor progress of cholesterol management strategies.

Test Value : 240 mg/dL

 **High**

LOW

<200 mg/dL

NORMAL

Desirable : <200

HIGH

Borderline : 200-240 mg/dL

You: 240

Possible Cause of abnormal results:

High total cholesterol levels indicate an excess of cholesterol in the blood, increasing the risk of cardiovascular disease. It can be managed through lifestyle changes, medication, and regular monitoring.



1. Dietary excess of saturated fat



2. Primary hypercholesterolemia



3. Hypothyroidism

TRIGLYCERIDES Test

Triglycerides test measures the level of triglycerides, a type of fat, in the blood, indicating the risk of cardiovascular disease and metabolic disorders.

Test Value : 193 mg/dL

 **High**

LOW

<150 mg/dL

NORMAL

Normal : <150

HIGH

Borderline : 150-199 mg/dL

You: 193

Possible Cause of abnormal results:

Elevated triglycerides may indicate increased risk for heart disease and pancreatitis. Further testing and lifestyle modifications may be necessary to manage triglyceride levels and improve overall health.



1. Poorly controlled diabetes



2. Obesity or being overweight



3. Excessive alcohol consumption



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Lipid Profile

HDL CHOLESTEROL Test

HDL cholesterol test measures the levels of "good" cholesterol that helps remove excess cholesterol from the body, protecting against heart disease.

Test Value : 52.6 mg/dL  **High**

LOW

NORMAL

HIGH

You: 52.6

Possible Cause of abnormal results:

High HDL cholesterol levels, typically above 60 mg/dL in adults, indicate a reduced risk of cardiovascular diseases. Higher HDL levels promote the removal of LDL cholesterol from the arteries, contributing to improved heart health.



1. Genetic predisposition



2. Physical activity



3. Estrogen therapy

NON HDL CHOLESTEROL Test

Measures cholesterol carried by non-HDL lipoproteins, providing insight into overall cholesterol levels and cardiovascular risk assessment.

Test Value : 187.4 mg/dL  **High**

LOW

NORMAL

HIGH

<0mg/dL

<130mg/dL

130mg/dL>

You: 187.4

Possible Cause of abnormal results:

Elevated non-HDL cholesterol, a type of "bad" cholesterol, suggests a higher risk of cardiovascular disease. It indicates the presence of harmful particles that can accumulate in arteries and contribute to blockages.



1. Inadequate exercise



2. Excessive saturated fat intake



3. Underlying thyroid condition



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Lipid Profile

LDL CHOLESTEROL Test

LDL cholesterol test measures the levels of "bad" cholesterol in the blood, which can contribute to plaque buildup in arteries and increase the risk of heart disease.

Test Value : 148.8 mg/dL  **High**

LOW

<30mg/dL

NORMAL

Optimal 

HIGH

<100 mg/dL Near op

You: 148.8

Possible Cause of abnormal results:

Elevated LDL cholesterol, known as "bad cholesterol," indicates an increased risk of cardiovascular disease due to plaque buildup in arteries.



1. Family history of high LDL



2. Unhealthy diet



3. Physical inactivity

V.L.D.L CHOLESTEROL Test

VLDL cholesterol test measures the levels of very low-density lipoprotein, a type of cholesterol that transports triglycerides from the liver to other tissues.

Test Value : 38.6 mg/dL  **High**

LOW

<0mg/dL

NORMAL

< 30mg/dL

HIGH

30mg/dL>

You: 38.6

Possible Cause of abnormal results:

Elevated VLDL cholesterol, a type of lipoprotein, indicates a high risk of cardiovascular disease due to increased triglyceride levels and impaired clearance of fats from the bloodstream.



1. Insulin resistance



2. Liver disease



3. Pregnancy



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Lipid Profile

CHOL/HDL Ratio Test

The CHOL/HDL Ratio Test assesses the balance between total cholesterol and beneficial HDL cholesterol, providing insights into heart disease risk.

Test Value : 4.56 - **Normal**

You: 4.56

Seems like your all good!

A desirable CHOL/HDL ratio is below 5.0, indicating a healthy balance of total cholesterol to HDL (good) cholesterol. Ratios above 5.0 suggest an increased risk of heart disease.



1. Healthy dietary habits



2. Regular physical activity



3. Optimal liver function

HDL/ LDL RATIO Test

HDL/LDL ratio test measures the balance between "good" (HDL) and "bad" (LDL) cholesterol, indicating cardiovascular disease risk.

Test Value : 0.35 -

You: 0.35

Possible Cause of abnormal results:

A high HDL/LDL ratio, indicating a higher proportion of "good" HDL cholesterol to "bad" LDL cholesterol, is generally associated with a lower risk of heart disease.



1. Low HDL cholesterol



2. High LDL cholesterol



3. Both low HDL and high LDL cholesterol



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Lipid Profile

LDL/HDL Ratio Test

The LDL/HDL ratio test measures the balance between "bad" LDL and "good" HDL cholesterol in the blood, indicating risk of heart disease.

Test Value : 2.83 -

 **High**

LOW

NORMAL

HIGH

You: 2.83

Possible Cause of abnormal results:

High LDL/HDL ratio indicates an increased risk of heart disease. LDL, or "bad cholesterol", carries cholesterol to arteries, while HDL, or "good cholesterol", removes it. A high ratio suggests more LDL than HDL, leading to cholesterol buildup in arteries and potential blockages.



1. Metabolic syndrome



2. Liver disease



3. Insulin resistance

LOW

NORMAL

HIGH



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Rheumatoid Factor (Rf), Quantitative

RHEUMATOID FACTOR, Quantitative Test

Rheumatoid Factor Quantitative Test measures the levels of rheumatoid factor in the blood, an antibody associated with rheumatoid arthritis and other autoimmune disorders.

Test Value : 4.1 IU/mL

LOW

<0IU/mL

NORMAL

Negative

HIGH

<30 <br 30 Weekly positive

You: 4.1

Possible Cause of abnormal results:

A high rheumatoid factor quantitative test result suggests the presence of rheumatoid arthritis or other autoimmune disorders. It indicates an elevated level of rheumatoid factor antibodies in the blood, which can aid in diagnosis and monitoring disease activity.



1. Rheumatoid arthritis



2. Lupus erythematosus



3. Sjogren's syndrome



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Complete Blood Count (CBC)

Test Description	Value(s)	Unit(s)	Reference Range
Rbc Parameters			
Hemoglobin Method : Colorimetric	14.5	g/dL	13.0 - 17.0
Rbc Count Method : Electrical Impedance	5.1	10^6/ μ l	4.5 - 5.5
Pcv Method : Calculated	46.8	%	40 - 50
McV Method : Calculated	92.3	fL	83 - 101
Mch Method : Calculated	28.6	pg	27 - 32
Mchc Method : Calculated	31	g/dL	31.5 - 34.5
Rdw (Cv) Method : Calculated	13.8	%	11.6 - 14.0
Rdw-Sd Method : Calculated	45.5	fL	35.1 - 43.9
Wbc Parameters			
Tlc Method : Electrical Impedance And Microscopy	8.1	10^3/ μ l	4 - 10
Differential Leucocyte Count			
Neutrophils	60	%	40-80
Lymphocytes	35	%	20-40
Monocytes	4	%	2-10
Eosinophils	1	%	1-6
Basophils	0	%	<2
Absolute Leukocyte Counts			
Neutrophils.	4.86	10^3/ μ l	2 - 7
Lymphocytes.	2.84	10^3/ μ l	1 - 3
Monocytes.	0.32	10^3/ μ l	0.2 - 1.0
Eosinophils.	0.08	10^3/ μ l	0.02 - 0.5
Basophils.	0	10^3/ μ l	0.02 - 0.5



Complete Blood Count (CBC)

Test Description	Value(s)	Unit(s)	Reference Range
Platelet Parameters			
Platelet Count Method : Electrical Impedance And Microscopy	210	10 ³ /µl	150 - 410
Mean Platelet Volume (Mpv) Method : Calculated	13.3	fL	9.3 - 12.1
Pct Method : Calculated	0.3	%	0.17 - 0.32
Pdw Method : Calculated	20.4	fL	8.3 - 25.0
P-Lcr Method : Calculated	49.8	%	18 - 50
P-Lcc Method : Calculated	104	%	44 - 140
Mentzer Index	18.1		

NOTE :

The above values are indicative and may vary from person to person.

ADVICE:

Please consult your doctor for further advice.



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Urine Routine and Microscopic Examination

Test Description	Value(s)	Unit(s)	Reference Range
Physical Examination			
Volume	20	mL	-
Colour	Pale yellow	-	Pale yellow
Transparency	Clear	-	Clear
Deposit	Absent	-	Absent
Chemical Examination			
Reaction (Ph) Method : Double Indicator	5.0	-	4.5 - 8.0
Specific Gravity Method : Ion Exchange	1.020	-	1.010 - 1.030
Urine Glucose (Sugar)	Negative	-	Negative
Urine Protein (Albumin)	Negative	-	Negative
Urine Ketones (Acetone)	Negative	-	Negative
Blood	Negative	-	Negative
Leucocyte Esterase	Negative	-	Negative
Bilirubin Urine	Negative	-	Negative
Nitrite Method : Griless Test	Negative	-	Negative
Urobilinogen Method : Ehrlichs Test	Normal	-	Normal
Microscopic Examination			
Pus Cells (Wbc's)	1-2	/hpf	0 - 5
Epithelial Cells	0-1	/hpf	0 - 4
Red Blood Cells	Absent	/hpf	Absent
Crystals	Absent	-	Absent
Cast	Absent	-	Absent
Yeast Cells	Absent	-	Absent
Amorphous Deposits	Absent	-	Absent
Bacteria	Absent	-	Absent
Protozoa	Absent	-	Absent



Kidney Function Test (Kft)

BLOOD UREA Test

The Blood Urea Test measures the concentration of urea in the blood, an indicator of kidney function and protein metabolism.

Test Value : 19.5 mg/dL  **Normal**



You: 19.5

Seems like your all good!

A normal blood urea nitrogen (BUN) level typically ranges between 7 and 20 mg/dL, indicating adequate kidney function and nitrogen metabolism.



1. Adequate renal function



2. Low protein intake



3. Overhydration

CREATININE Test

The Creatinine Test measures the level of creatinine in the blood, an indicator of kidney function and muscle mass.

Test Value : 0.8 mg/dL



You: 0.8

Seems like your all good!

Creatinine test normal results indicate adequate kidney function. In adults, typical ranges are: - Males: 0.6 to 1.2 mg/dL - Females: 0.5 to 1.1 mg/dL



1. Normal renal function



2. Early stage of renal disease



3. Dehydration



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Kidney Function Test (Kft)

BUN Test

BUN (Blood Urea Nitrogen) test measures blood urea nitrogen levels, an indicator of kidney function and protein metabolism.

Test Value : 9.11 mg/dL  **High**

LOW

<6mg/dL

NORMAL

6 - 20mg/dL

HIGH

20mg/dL>

You: 9.11

Possible Cause of abnormal results:

Elevated BUN levels indicate impaired kidney function, dehydration, or increased protein catabolism. It is crucial to investigate the underlying cause and consider factors such as underlying kidney disease, volume depletion, recent protein intake, and gastrointestinal bleeding.



1. Dehydration



2. Kidney failure



3. High-protein diet

BUN/CREATININE RATIO Test

BUN/Creatinine ratio measures kidney function by comparing blood urea nitrogen (BUN) to creatinine levels, indicating potential dehydration, kidney damage, or excessive protein intake.

Test Value : 11.39

LOW

NORMAL

HIGH

You: 11.39

Possible Cause of abnormal results:

An elevated BUN/creatinine ratio (>20) suggests dehydration, GI bleeding, or increased protein catabolism.



1. Dehydration



2. High protein diet



3. Kidney failure



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Kidney Function Test (Kft)

UREA / CREATININE RATIO Test

The urea/creatinine ratio test assesses kidney function by comparing the levels of urea and creatinine in urine.

Test Value : 24.38 **High**

LOW

NORMAL

HIGH

You: 24.38

Possible Cause of abnormal results:

A high urea/creatinine ratio in urine may indicate dehydration, kidney disease, or urinary tract infection. It's important to consult a healthcare professional for proper diagnosis and treatment.



1. Dehydration



2. Kidney disease



3. Urinary tract obstruction

URIC ACID Test

The Uric Acid test measures uric acid levels in the blood, providing insights into gout, kidney function, and other conditions related to purine metabolism.

Test Value : 7.3 mg/dL **High**

LOW

<3.5mg/dL

NORMAL

3.5 - 7.2mg/dL

HIGH

7.2mg/dL>

You: 7.3

Possible Cause of abnormal results:

Elevated uric acid levels can indicate underlying health conditions such as gout, kidney disease, or metabolic disorders, and may require further evaluation and treatment to manage symptoms and prevent complications.



1. Decreased kidney function



2. Increased uric acid production



3. Decreased uric acid excretion



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Kidney Function Test (Kft)

CALCIUM Serum Test

The Calcium Serum Test measures the level of calcium in a blood sample to assess overall calcium metabolism and diagnose conditions like hypocalcemia or hypercalcemia.

Test Value : 10.2 mg/dL  **Low**

LOW

<8.4mg/dL

NORMAL

8.4 - 10.2mg/dL

HIGH

10.2mg/dL>

You: 10.2

Possible Cause of abnormal results:

Low serum calcium can indicate hypoparathyroidism, vitamin D deficiency, kidney failure, pancreatitis, or certain medications.



1. Hypoparathyroidism



2. Vitamin D deficiency



3. Renal impairment

PHOSPHORUS Test

Phosphorus test measures the amount of phosphorus in a sample, commonly used in environmental monitoring and agricultural applications.

Test Value : 4 mg/dL

LOW

<2.3mg/dL

NORMAL

2.3 - 4.7mg/dL

HIGH

4.7mg/dL>

You: 4

Seems like your all good!

Phosphorus tests measure the amount of phosphorus in the blood. Normal levels range from 2.5 to 4.5 mg/dL. Phosphorus is essential for energy production, bone formation, and other bodily functions.



1. Adequate dietary intake



2. Normal bone metabolism



3. Absence of underlying disease



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Kidney Function Test (Kft)

SODIUM Test

The Sodium Test measures the sodium levels in the blood, which can indicate dehydration, electrolyte imbalances, or kidney and adrenal gland disorders.

Test Value : 140.6 mmol/L  **Normal**

LOW

<136mmol/L

NORMAL

136 - 145mmol/L

HIGH

145mmol/L>

You: 140.6

Seems like your all good!

Normal sodium levels fall within a narrow range of 135–145 milliequivalents per liter (mEq/L). Deviations from this range can indicate underlying medical conditions and warrant further investigation.



1. Adequate sodium intake



2. Normal adrenal function



3. Absence of renal sodium loss

POTASSIUM Test

Potassium test measures the potassium levels in the blood, essential for heart, muscle, and nerve function.

Test Value : 4 mmol/L

LOW

<3.5mmol/L

NORMAL

3.5 - 5.1mmol/L

HIGH

5.1mmol/L>

You: 4

Seems like your all good!

Normal potassium levels range from 3.5 to 5.1 millimoles per liter (mmol/L). This indicates a healthy balance of potassium in the body, supporting proper nerve and muscle function, maintaining fluid balance, and regulating blood pressure.



1. Inadequate intake



2. Aldosterone deficiency



3. Hemodialysis or peritoneal dialysis



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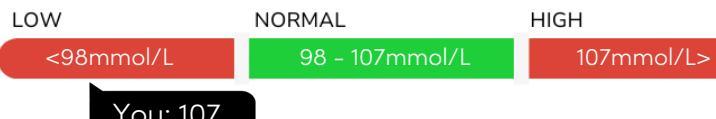
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Kidney Function Test (Kft)

CHLORIDE Test

The chloride test detects the presence of chloride ions in a sample, which can indicate contamination from seawater or industrial processes.

Test Value : 107 mmol/L  **Low**



You: 107

Possible Cause of abnormal results:

A low chloride test result may indicate dehydration, excessive fluid loss, or Addison's disease. It can also be caused by certain medications, such as diuretics.



1. Sample diluted with water



2. Transfer error in laboratory



3. Improper sampling technique



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C-Reactive Protein (CrP), Quantitative

CRP (Quantitative) Test

CRP (Quantitative) Test measures the level of C-reactive protein in the blood, an indicator of inflammation in the body.

Test Value : 0.6 mg/L

LOW

<0mg/L

NORMAL

up to 5mg/L

HIGH

5mg/L>

You: 0.6

Seems like your all good!

CRP (Quantitative) Test normal range is typically less than 10 mg/L, indicating low inflammation within the body.



1. Absence of inflammation



2. Early stage of inflammation



3. Chronic inflammation



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Erythrocyte Sedimentation Rate (Esr)

ESR - Erythrocyte Sedimentation Rate Test

ESR test measures the rate at which red blood cells settle in a sample of blood, indicating inflammation or other underlying conditions.

Test Value : 10 mm/hr

LOW

<0mm/hr

NORMAL

0 - 10mm/hr

HIGH

10mm/hr>



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Anti Streptolysin O (ASO), Quantitative

Antistreptolysin-O (ASO) Titre, Serum Test

The Antistreptolysin-O (ASO) Titre test measures antibodies against streptococcal bacteria in serum, indicating recent or past streptococcal infection.

Test Value : 42.7 IU/mL

LOW

<0IU/mL

NORMAL

< 200IU/mL

HIGH

200IU/mL>

You: 42.7

Possible Cause of abnormal results:

Antistreptolysin-O (ASO) titer test measures antibodies against streptolysin O, a toxin produced by *Streptococcus pyogenes*. An elevated ASO titer may indicate a recent or past streptococcal infection, such as strep throat or scarlet fever.



1. Recent streptococcal infection



2. Rheumatic fever



3. Scarlet fever



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Liver Function Test (Lft)

BILIRUBIN TOTAL Test

Bilirubin Total Test measures the total amount of bilirubin in the blood, which can indicate liver or gallbladder problems.

Test Value : 0.6 mg/dL

 Normal

LOW

<0.2mg/dL

NORMAL

0.2 - 1.2mg/dL

HIGH

1.2mg/dL>

You: 0.6

Seems like your all good!

Bilirubin Total Test measures the total amount of bilirubin in the blood. Normal results usually range from 0.3 to 1.2 mg/dL, indicating healthy bilirubin levels and proper liver function.



1. Normal liver function



2. Low bilirubin production



3. Increased bilirubin clearance

BILIRUBIN DIRECT Test

Bilirubin Direct Test measures the amount of conjugated bilirubin in the blood, which helps assess liver function and diagnose liver disorders.

Test Value : 0.2 mg/dL

LOW

<0mg/dL

NORMAL

0.0 - 0.5mg/dL

HIGH

0.5mg/dL>

You: 0.2

Seems like your all good!

Bilirubin direct test measures the conjugated bilirubin in the blood. Normal results range from 0.0 to 0.2 mg/dL, indicating healthy liver function and bile flow.



1. Hepatocellular disease



2. Intrahepatic cholestasis



3. Extrahepatic cholestasis



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Liver Function Test (Lft)

BILIRUBIN INDIRECT Test

Measures unconjugated bilirubin, a breakdown product of heme metabolism, which can indicate liver disease or hemolysis.

Test Value : 0.4 mg/dL **Normal**

LOW

<0.1mg/dL

NORMAL

0.1 - 1.0mg/dL

HIGH

1mg/dL>

You: 0.4

Seems like your all good!

The normal range for indirect bilirubin is 0.2 to 0.8 mg/dL (3.4 to 13.6 µmol/L). Indirect bilirubin is unconjugated bilirubin, which is bound to albumin in the blood and is not yet water-soluble.



1. Normal liver function



2. Insufficient hemolysis



3. Low bilirubin production

SGOT/AST Test

SGOT/AST test measures the level of an enzyme in the blood that is released when liver cells are damaged, indicating possible liver disease or damage.

Test Value : 34.7 U/L **High**

LOW

<5U/L

NORMAL

5 - 34U/L

HIGH

34U/L>

You: 34.7

Possible Cause of abnormal results:

Elevated SGOT/AST levels indicate liver damage or disease. Causes include viral hepatitis, alcohol abuse, autoimmune disorders, and medications. Further testing is necessary to determine the underlying cause.



1. Liver damage



2. Heart attack



3. Muscle injury



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Liver Function Test (Lft)

SGPT/ALT Test

SGPT/ALT test measures the levels of liver enzyme alanine aminotransferase (ALT) in the blood, indicating potential liver damage or disease.

Test Value : 65.6 U/L

● High

LOW

<0U/L

NORMAL

0 to 55U/L

HIGH

55U/L>

You: 65.6

Possible Cause of abnormal results:

Elevated SGPT/ALT levels indicate liver injury or disease. Causes include viral hepatitis, alcohol abuse, fatty liver disease, and autoimmune disorders. Further testing is needed to determine the underlying cause and appropriate treatment.



1. Liver cell damage



2. Hepatitis virus



3. Certain medications

SGOT/SGPT Ratio Test

The SGOT/SGPT ratio test assesses liver damage by comparing levels of two enzymes to determine the underlying cause, such as hepatitis or alcohol-related liver disease.

Test Value : 0.53 -

LOW

NORMAL

HIGH

You: 0.53

Possible Cause of abnormal results:

Elevated SGOT/SGPT ratio (>1) suggests alcoholic or nonalcoholic liver disease. Alcoholic hepatitis typically presents with a ratio >2, while cholestasis or viral hepatitis usually has a ratio <1.



1. Liver cell damage



2. Cholestasis



3. Myocarditis



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Liver Function Test (Lft)

ALKALINE PHOSPHATASE Test

Alkaline Phosphatase Test measures the level of alkaline phosphatase, an enzyme found in liver, bone, and other tissues, to assess liver and bone health.

Test Value : 109 U/L Low

LOW

<40U/L

NORMAL

40 - 150U/L

HIGH

150U/L>

You: 109

Possible Cause of abnormal results:

Low alkaline phosphatase levels may indicate hypothyroidism, vitamin C deficiency, or zinc deficiency. Further testing is recommended to determine the underlying cause.



1. Vitamin D deficiency



2. Liver damage



3. Hypothyroidism

TOTAL PROTEIN Test

The total protein test measures the amount of total protein in the blood, which can help evaluate nutritional status, liver function, and other health conditions.

Test Value : 7.6 g/dL

LOW

<6.4g/dL

NORMAL

6.4 - 8.3g/dL

HIGH

8.3g/dL>

You: 7.6

Seems like your all good!

Total protein test measures the total amount of protein in the blood. Normal results generally range from 6.0 to 8.3 grams per deciliter (g/dL) for adults.



1. Proper hydration



2. Diluted sample



3. Multiple myeloma



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Liver Function Test (Lft)

ALBUMIN Test

Albumin test detects the presence of albumin in urine, indicating potential kidney damage or other medical conditions. The result is typically reported as negative (no albumin) or positive (albumin present).

Test Value : 4.6 gm/dL **Normal**

LOW

<3.8gm/dL

NORMAL

3.8 - 5.0gm/dL

HIGH

5gm/dL>

You: 4.6

Seems like your all good!

Albumin is a protein produced by the liver and is the most abundant protein in the blood. A normal albumin test result indicates that your liver is functioning properly and that there is no significant protein loss in the urine.



1. Normal hepatic function



2. Adequate hydration



3. No proteinuria

GLOBULIN Test

Globulin test measures levels of globulins (antibodies) in the blood, indicating the immune system's activity and potential infections or allergies.

Test Value : 3 g/dL

LOW

<2.3g/dL

NORMAL

2.3 - 3.5g/dL

HIGH

3.5g/dL>

You: 3

Seems like your all good!

Normal globulin levels range from 2.6 to 3.5 grams per deciliter (g/dL) in adults. Variations may occur due to factors such as age, ethnicity, and individual health conditions.



1. Normal liver function



2. Adequate bone marrow function



3. Good nutritional status



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Liver Function Test (Lft)

ALBUMIN : GLOBULIN RATIO Test

Albumin:Globulin Ratio Test assesses the balance between albumin and globulin proteins, providing insights into liver function, inflammation, and nutritional status.

Test Value : 1.53 - **Normal**

You: 1.53

Seems like your all good!

Normal albumin: globulin ratio is typically around 1.2:1, indicating a higher concentration of albumin than globulin in the blood.



1. Healthy liver function



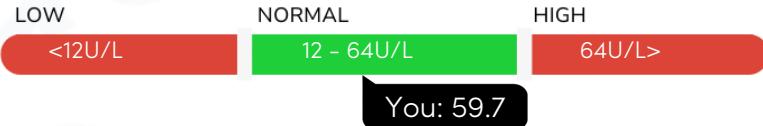
2. Adequate protein intake



3. Normal hydration

GAMMA GLUTAMYL TRANSFERASE (GGT) Test

GGT test measures liver and bile duct health; elevated levels may indicate liver damage, alcohol abuse, or cholestasis.

Test Value : 59.7 U/L

You: 59.7

Seems like your all good!

Normal GGT levels vary slightly depending on the laboratory and the method used for testing. Generally, normal GGT levels are less than or equal to 60 IU/L (International Units per Liter) for men and less than or equal to 40 IU/L for women.



1. Liver disease ruled out



2. Alcoholism excluded



3. Non-hepatic disease



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Anti Nuclear Antibody (Ana) By Ifa (Hep-2)

Anti Nuclear Antibody by IFA Test

The Anti Nuclear Antibody by IFA Test detects the presence of antibodies against nuclear antigens, indicating autoimmune disorders like lupus and rheumatoid arthritis.

Test Value : Negative



You: Negat

Possible Cause of abnormal results:

A high ANA IFA result suggests the presence of autoantibodies that target the body's own nuclear components, indicating an underlying autoimmune disorder.



1. Systemic lupus erythematosus



2. Sjögren's syndrome



3. Rheumatoid arthritis



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Anti Cyclic Citrullinated Peptide Antibodies (An

ANTI CCP (CYCLIC CITRULLINATED PEPTIDE) Test

The Anti-CCP test detects antibodies associated with rheumatoid arthritis, aiding in diagnosis and monitoring disease activity.

Test Value : <7.00 U/mL

LOW

<0U/mL

NORMAL

Negative: < 17

HIGH

Positive: >= 17U/mL

You: <7.00

Possible Cause of abnormal results:

High anti-CCP test results indicate the presence of antibodies targeting cyclic citrullinated peptides, suggesting an increased likelihood of rheumatoid arthritis.



1. Rheumatoid arthritis



2. Sjogren's syndrome



3. Celiac disease



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Glucose Fasting (Bsf)

GLUCOSE FASTING Test

The Glucose Fasting Test measures blood glucose levels after an overnight fast, indicating how well the body regulates glucose metabolism.

Test Value : 115.2 mg/dL  **High**

LOW

<70mg/dL

NORMAL

70 - 100mg/dL

HIGH

100mg/dL>

You: 115.2

Possible Cause of abnormal results:

A high fasting glucose level indicates elevated blood sugar, potentially signifying impaired glucose metabolism. It may suggest prediabetes or diabetes, requiring further evaluation and potential medical intervention.



1. Insulin resistance



2. Dawn phenomenon



3. Stress



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Vitamin D 25 Hydroxy

Vitamin D 25 - Hydroxy Test

Measures blood levels of vitamin D, which is essential for bone health and immune function.

Test Value : 20.21 ng/mL  **High**

LOW

<30ng/mL

NORMAL

Deficiency : <30 ng/mL

HIGH

100 ng/mL >

You: 20.21

Possible Cause of abnormal results:

Elevated vitamin D 25-hydroxy test results indicate excessive vitamin D intake or exposure to sunlight. This can lead to hypercalcemia, kidney stones, and other health issues.



1. Increased sun exposure



2. Vitamin D supplementation



3. Liver disease



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