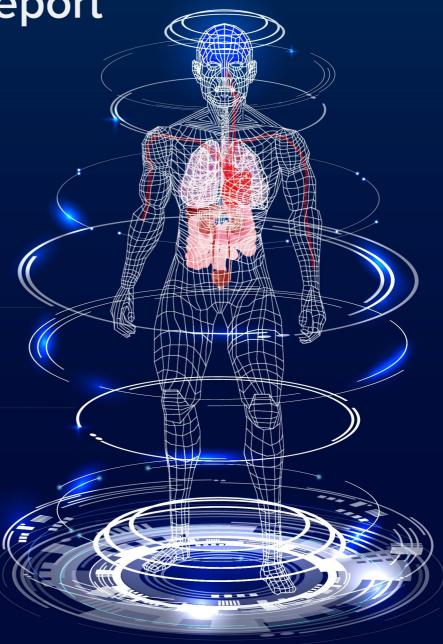


Your Personal

START Report

- Insightful
- Engaging
- Actionable

Max Care Health Check 2



Booking ID -

Collection Date-

Reporting Date -





Result

0.66

Result

518

154

Your Health Summary

Lab ID: Name: Ref Doctor Age/Gender: Passport No: Max ID/Mobile: OP/IP No: Centre:

Collection Date/Time: Receiving Date: Reporting Date:



+ 1 tests Please Watchout		
Test Name	Result	
HDL Cholesterol	25.2	
LDL Cholesterol	107	
HDL : LDL ratio	0.24	

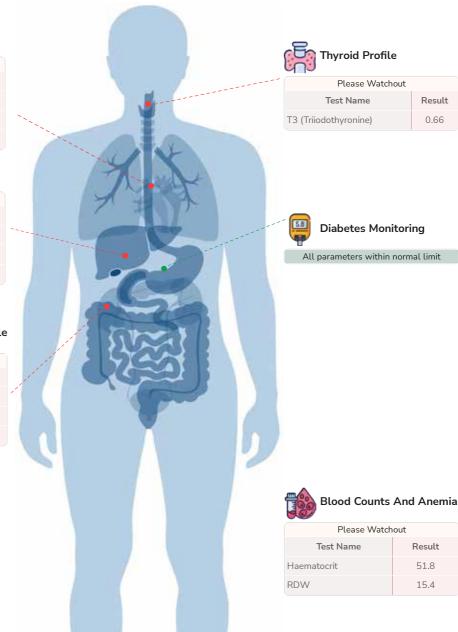


Liver Profile

Please Watchout	
Test Name	Result
Albumin : Globulin ratio	2.2
SGPT (ALT)	68
ALP	93.6



Please Watchout		
Test Name	Result	
BUN : Creatinine ratio	28.70	
Uric Acid	3	
Phosphorus	5.3	



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Report Summary



Name: Aae/Gender: Max ID/Mobile: Centre:

Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:

Profile Summary



(U) NORMAL

Diabetes Monitoring, Iron Studies

BORDERLINE

ABNORMAL

Thyroid Profile, Liver Profile, Kidney And Electrolyte Profile, Blood Counts And Anemia,

Blood Clotting

Lipid Profile

Normal (N)

Low (L)

Borderline (BL)

High (H)

No Ref Range



DIABETES MONITORING

Test Name	Result	Unit	Range
Blood Sugar (Fasting)	86.6	mg/dl	74-99
HbA1c (Glycosylated Haemoglobin)	4.40	%	< 5.7
Glycosylated Haemoglobin(Hb A1c) IFCC	24.57	mmol/mol	0-39
eAG (Estimated Average Glucose)	79.58	mg/dL	
Average Glucose Value(Past 3 Months IFCC)	4.41	mmol/L	

THYROID PROFILE

Test Name	Result	Unit	Range
T3 (Triiodothyronine)	0.66	ng/mL	0.87-1.78
T4 (Thyroxine)	6.87	μg/dL	5.93-13.29
● TSH	4.264	uIU/ml	0.34-5.6



LIPID PROFILE

Test Name	Result	Unit	Range
HDL Cholesterol	25.2	mg/dl	>40
LDL Cholesterol	107	mg/dl	0-100
Triglycerides	75.5	mg/dl	< 150
• VLDL	15.1	mg/dl	0-30
Non - HDL Cholesterol	122.00	mg/dL	0-130
HDL: LDL ratio	0.24	Ratio	0.3-0.4
■ Total Cholesterol : HDL ratio	5.8		0-4.9
Total Cholesterol	147.2	mg/dl	< 200

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Report Summary



Name: Aae/Gender: Max ID/Mobile: Centre:

Lab ID: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:

LIVER PROFILE

Test Name	Result	Unit	Range
Albumin : Globulin ratio	2.2		1.2-1.5
Total Bilirubin	0.8	mg/dl	0.3-1.2
Direct Bilirubin	0.4	mg/dl	0.1-0.5
Indirect Bilirubin	0.4	mg/dL	0.1-1
SGOT (AST)	35.2	U/L	0-50
SGPT (ALT)	68	U/L	17-63
AST / ALT Ratio	0.52	Ratio	
• ALP	93.6	U/L	32-91
• GGT	25.9	U/L	7-50
Protein (Total)	7.30	g/dl	6.5-8.1
Albumin	5.0	g/dl	3.5-5
Globulin	2.3	g/dl	2.3-3.5

M KIDNEY AND ELECTROLYTE PROFILE

Test Name	Result	Unit	Range
BUN : Creatinine ratio	28.70	Ratio	12-20
Uric Acid	3	mg/dl	3.5-7.2
● Calcium	9	mg/dl	8.9-10.3
Sodium	137.9	mmol/L	136-144
Potassium	4.51	mmol/L	3.6-5.1
Chloride	104.7	mmol/l	101-111
Phosphorus	5.3	mg/dl	2.4-4.7
Blood Urea	43.0	mg/dL	17.12-55.64
Blood Urea Nitrogen (BUN)	20.09	mg/dl	8-26
Serum Creatinine	0.7	mg/dl	0.61-1.24

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Report Summary



32B7545880

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:

BLOOD COUNTS AND ANEMIA

Test Name	Result	Unit	Range
Haematocrit	51.8	%	40-50
Total Leukocyte Count	5.46	10~9/L	4-10
RBC count	5.40	10~12/L	4.5-5.5
• MCV	96.0	fL	83-101
• MCH	30.7	pg	27-32
• MCHC	32.0	g/dl	31.5-34.5
• RDW	15.4	%	11.5-14.5
Neutrophils	48	%	40-80
Lymphocytes	40	%	20-40
Monocytes	08	%	2-10
Eosinophils	04	%	1-6
Basophils	00	%	0-2
Abs. Neutrophil Count	2.62	10~9/L	2-7
Abs. Lymphocyte Count	2.2	10~9/L	1-3
Abs. Monocyte Count	0.44	10~9/L	0.2-1
Abs. Eosinophil Count	0.22	10~9/L	0.02-0.5
Haemoglobin	16.60	g/dl	13-17

★ BLOOD CLOTTING

Test Name	Result	Unit	Range
Platelet Count	150	10~9/L	150-410
MPV	11.74	fl	7.8-11.2

IRON STUDIES

Test Name	Result	Unit	Range
• Iron	128.25	μg/dL	45-182

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Diabetes Monitoring

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



About Diabetes Panel

Diabetes panel is used to check how much glucose/sugar is there in your blood. High level of Glucose levels beyond standard levels increases chances of Diabetes.

Your Results

Blood Sugar (Fasting): 86.6 mg/dl

METHOD: HEXOKINASE

It is measured as Glucose. Glucose is derived from carbohydrates in the diet (grains, starchy vegetables, and legumes). • NORMAL It is a source of energy. Pathologically increases in Shock, Burns, Diabetes Mellitus, Gigantism, Acromegaly, Pancreatic disease etc.

10W NORMAL HIGH > 99

You: 86.6

Some lifestyle changes can help keep your blood sugar levels in control







TAKE MEDICATIONS AS PER YOUR HEALTHCARE PROVIDER'S RECOMMENDATIONS

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Diabetes Monitoring

Name: Age/Gender: Max ID/Mobile: Centre:

Lab ID: Ref Doctor Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



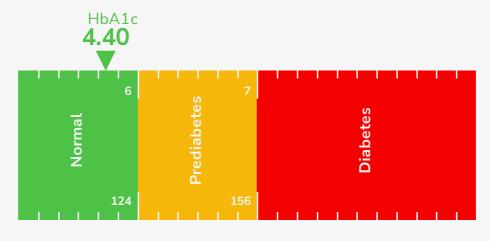
NORMAL

HbA1c (Glycosylated Haemoglobin): 4.40%

eAG (Estimated Average Glucose): 79.58 mg/dL

It refers to hemoglobin that has been modified by addition of glucose. HbA1C provides a useful index of average blood glucose over the preceding 6-8 weeks. Increased glycated hemoglobin is a reflection of hyperglycemia.

People who have diabetes need this test regularly to see if their sugar levels are staying within range.



Some lifestyle changes can help keep our blood sugar levels in control



NORMAL Glycosylated Haemoglobin(Hb A1c) IFCC: 24.57 mmol/mol HIGH NORMAL > 39 You: 24.57

Average Glucose Value(Past 3 Months IFCC): 4.41 mmol/L

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Diabetes Monitoring

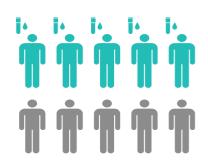


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Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:



Importance of test



Out of 10 Indians who already have diabetes, 5 of them *don't even know* that they have diabetes.

Dr Rashika Chand MBBS, M.D. (Pathology) UK MCI No. – 3951

Diabetes Myths



Does diabetes happen ONLY because of sugar? No. If you don't eat sugar or sweets, but still eat a lot of unhealthy foods, you can gain too much weight. That can also lead to diabetes.





Thyroid Profile

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



About Thyroid Profile

It is a group of tests that helps to evaluate the functioning of thyroid gland and to help diagnose the disorders of thyroid.

These tests measure the levels of thyroid hormones such as freeT₃, freeT₄ and TSH in the blood.

Hypothyroidism is a condition having low Free T3, Free T4 levels and increased TSH levels while Hyperthyroidism is a condition having increased levels of free T_3 , Free T_4 and decreased levels of TSH.

Foods to eat in hypothyroidism



Eggs, Meat, Fish, Vegetables, Fruits including all meats, including lamb, beef, chicken, etc.



Fruits: including bananas, oranges, tomatoes..



Gluten-free grains and seeds: rice, quinoa, chia seeds, and flax seeds



Dairy: all dairy products, including milk, cheese, yogurt, etc.

> 13.29

Your Results

LOW T3 (Triiodothyronine) 0.66 ng/mL T3(Triiodothyronine) is an active hormone secreted by Thyroid gland. Like T4, this is also present in the body in bound (attached) and free form. High level: Hyperfunction of Thyroid gland LOW NORMAL HIGH < 0.87 0.87-1.78 > 1.78 You: 0.66 NORMAL T4 (Thyroxine) 6.87 µg/dL T4(Thyroxine) is the prohormone secreted by Thyroid gland, broken down in the tissues to form T3 as needed. in the body in bound (attached) and free form. Since T4 is converted into T3, measuring free T4 is very important, as the changes show up in T4 first. LOW HIGH

5.93-13.29

You: 6.87

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< 5.93

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Thyroid Profile

 Name:
 Lab ID:
 Collection Date/Time:

 Age/Gender:
 Ref Doctor:
 Receiving Date:

 Max ID/Mobile:
 Passport No:
 Reporting Date:

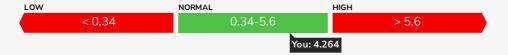
 Centre:
 OP/IP No:

TSH: 4.264 uIU/ml

METHOD: CHEMILUMINESCENCE

Thyroid Stimulating Hormone (TSH) or Thyrotropin, is hormone synthesized by Pituitary gland. It promotes the growth

NORMAL of thyroid cell and sustains and stimulates the hormonal secretion of T₃ and T₄. TSH is Increased in primary Hypothyroidism.



Thyroid disorders

Hypothyroidism: Caused by reduced production of thyroid hormones in your body, this leads to unintentional weight gain, fatigue, slow heart rate.

Hyperthyroidism: Caused by increased production of thyroid hormones in your body, this leads to unintentional weight loss, nervousness, rapid heart rate.

Risk Factors



Genetic: If your family has thyroid disease, you are also at risk. Additionally, patients of auto-immune diseases -- like Type-1 diabetes -- are also at risk.



Gender: Women are more prone to thyroid diseases as compared to men. Additionally, pregnant women are at a slightly higher risk.









Over-stressing slows down your thyroid function and is unhealthy. Get enough sleep breathing techniques and meditation to relax yourself.

Yoga postures like bow pose, bridge pose, camel pose, cobra pose and fish pose have shown good results in thyroid patients.

Diet:Food items such as *yogurt,milk,nuts,berries* should be taken.**Reduce** the intake of *soy and soy products*.Avoid gluten and processed foods as much as possible.

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Thyroid Profile

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



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Lipid Profile

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:



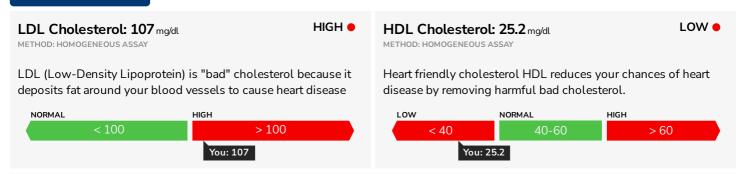
About Lipid Profile

Lipids are ubiquitous in body tissues and have an important role in virtually all aspects of life – serving as hormones, aiding in digestion, providing energy storage and metabolic fuels, acting as functional and structural components of cell membranes.

A complete lipid profile is done to determine whether your cholesterol is high and to estimate your risk of heart attacks and other forms of heart disease and diseases of the blood vessels

If your results show that your cholesterol level is high, you might be able to lower your cholesterol with lifestyle changes, such as quitting smoking, exercising and eating a healthy non fatty diet. If lifestyle changes aren't enough, a visit to your doctor and cholesterol-lowering medications will help.

Your results

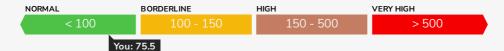


Triglycerides: 75.5 mg/dl

METHOD: ENZYMATIC, END POINT

The most common type of fat stored in your body. Triglycerides rise in your blood after you have a meal - as your body • NORMAL converts energy that is not needed right away - into fat.

Triglyceride is often increased in obesity and type 2 diabetes. HDL particles are anti-atherogenic appearing to have anti-inflammatory, antioxidant and anticoagulant properties.



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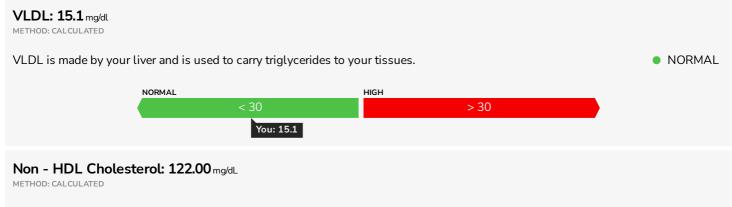
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Lipid Profile





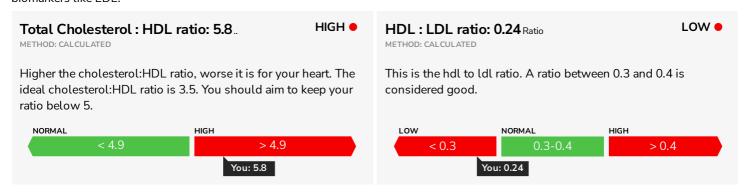
Non-HDL cholesterol is basically your HDL number subtracted from your total cholesterol number. So, in other words, • NORMAL it's all the "bad" types of cholesterol. Ideally, you want this number to be lower rather than higher.



Ratios

About

Ratios are calculated to check the amount of good lipids as compared to bad lipids in the body. In a healthy person, good lipids should be greater than bad lipids. As per latest research, ratios are better predictors of heart disease risk as compared to individual biomarkers like LDL.



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Lipid Profile

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:



Total Cholesterol: 147.2 mg/dl

METHOD: CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE

High cholesterol is bad for your heart, as high cholesterol combines with other substances to form plaque, which causes obstruction in the arteries (vessels that carry oxygen-rich blood from heart to all the parts of your body).

NORMAL

NORMAL	BORDERLINE	HIGH
< 200	200-240	> 240
You: 14	7	

Risk Factors

Heart diseases are the leading cause of death in India. It's vital to take preventive measures and get your lipid profile checked regularly.

What are the chances that you might get heart disease? The answer depends on something called *risk factors*. More risk factors means more chances of heart disease. Some risk factors are outside your control and some are in your control.

Factors outside your control



People older than age 65 are more prone to heart diseases. Additionally, men are more prone than women.



If your family has heart disease, you are also at risk. Indians have a genetic tendency to accumulate fat in the belly.

Factors in your control



High BP (blood pressure) increases the load on your heart. BP can be controlled to reduce the risk.



Regular exercise keeps the heart healthy. It should be moderate to vigorous physical activity.



In case you are overweight, reducing your weight helps reduce your cholesterol.



Diabetes patients also risk having heart disease because high blood glucose over a long period of time damages the blood vessels and nerves in your body.

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Lipid Profile

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



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Liver Profile

 Name:
 Lab ID:

 Age/Gender:
 Ref Doctor:

 Max ID/Mobile:
 Passport No:

 Centre:
 OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



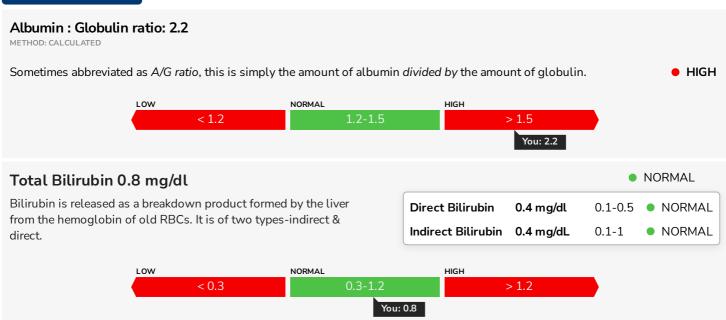
Liver Function Tests

The liver plays an important role in the metabolism, digestion, detoxification, synthesis, storage and elimination of substances from the body.

Bilirubin (Total and Direct) is increased in Hepatocellular damage, hepatic biliary tree obstruction, haemolytic disease and neonatal physiological jaundice.

SGOT/ AST and SGPT/ ALT Increased in viral hepatitis, liver cell injury of any cause, and drug induced injury to liver.

Your results



Enzymes

About

Enzymes found in your liver are responsible for various processes that maintain body functions. These enzymes are leaked into your blood when your liver suffers damage.

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Liver Profile

Lab ID: Collection Date/Time: Name: Ref Doctor: Receiving Date: Age/Gender: Passport No: Reporting Date: Max ID/Mobile: OP/IP No: Centre:

NORMAL •

SGOT (AST): 35.2 U/L

METHOD: UV WITHOUT P5P

AST is an enzyme your liver makes. Other organs, like your heart, kidneys, brain, and muscles, also make smaller amounts. AST is also called SGOT (serum glutamic-oxaloacetic transaminase). Normally, AST levels in your blood are low. When your liver is damaged, it puts more AST into your blood, and your levels rise.



SGPT (ALT): 68 U/L

METHOD: KINETIC RATE USING LDH

SGPT is mostly concentrated in your liver and is a vital indicator of your liver's health.

HIGH •

HIGH

It is also called alanine aminotransferase. Serum ALT level, serum AST (aspartate transaminase) level, and their ratio (AST/ALT ratio) are commonly measured as biomarkers for liver health.



AST / ALT Ratio: 0.52 Ratio

METHOD: CALCULATED

ALP: 93.6 U/L

METHOD: PNP AMP BUFFER

Alkaline phosphatase (ALP) is an essential enzyme found primarily in the liver and bones, but also in small amounts in the intestines, placenta, and kidneys.

Increased in bone formation, bone disease, renal disease, liver disease.

LOW NORMAL HIGH > 91 You: 93.6

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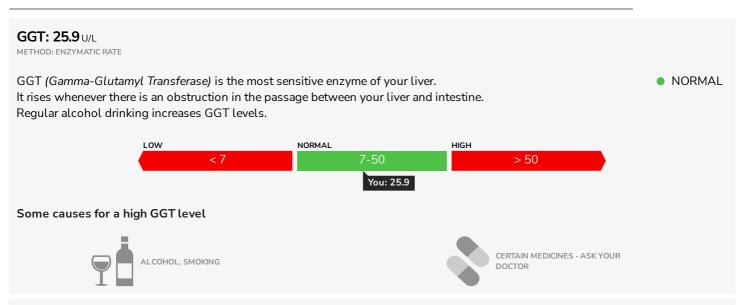
Liver Profile

 Name:
 Lab ID:
 Collection Date/Time:

 Age/Gender:
 Ref Doctor:
 Receiving Date:

 Max ID/Mobile:
 Passport No:
 Reporting Date:

 Centre:
 OP/IP No:

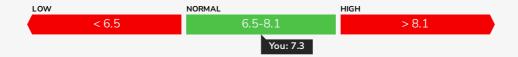


Protein (Total): 7.30 g/dl

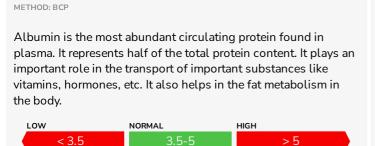
METHOD: BIURET

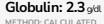
Albumin: 5.0 g/dl

Proteins help in your overall growth and development and also transport important substances through your blood. • NORMAL



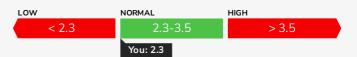
NORMAL •





The globulin is a group of proteins made by the immune system in your liver. It plays an important role in liver function, blood clotting and fighting infection.

NORMAL •



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You: 5.0



Liver Profile



Name: Age/Gender: Max ID/Mobile: Centre:

Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:







Exercising regularly uses triglycerides as fuel and keeps your liver healthy.



Avoid excess alcohol Alcoholic beverages destroy and scar your liver cells.



Olive oil is an excellent choice. It accumulates less fat in your liver.

Dr Rashika Chand MBBS, M.D. (Pathology) UK MCI No. - 3951





Kidney And Electrolyte Profile

Name:
Age/Gender:
Max ID/Mobile:
Centre:

Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



Kidney Function Tests

The kidneys regulate and maintain the constant optimal chemical composition of the blood by filtration, reabsorption and excretion. Renal profile test is useful for screening and diagnosing impaired kidney function. Serum Urea and Creatinine are the most commonly used way of assessing the excretory function of the kidneys, both of which increase in diminished kidney function.

Sodium, potassium, chloride increase after intensive exercise, dehydration, excessive saline or steroid therapy. They decrease in gastrointestinal loss (e.g., vomiting, diarrhoea).

Bicarbonate is increased in poor gases exchange between lungs and blood (Pneumonia, Heart failure, lung destruction), and decreased in over ventilation, diabetes mellitus, renal failure etc.

Symptoms that may indicate a problem with your kidneys include:



High blood pressure



Difficulty beginning urination



Blood in the urine



Painful urination



Frequent urges to urinate



Swelling of the hands and feet due to a buildup of fluids in the body

A single symptom may not mean something serious. However, when occurring simultaneously, these symptoms suggest that your kidneys aren't working properly. Kidney function tests can help determine the reason.

You may also need kidney function testing done if you have other conditions that can harm the kidneys, such as diabetes or high blood pressure. They can help doctors monitor these conditions.

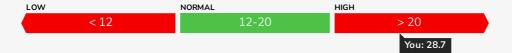
Your Results

BUN: Creatinine ratio: 28.70 Ratio

METHOD: CALCULATED

The ideal ratio of BUN to creatinine falls between 10-to-1 and 20-to-1. Having a ratio above this range could mean you may not be getting enough blood flow to your kidneys

HIGH



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Kidney And Electrolyte Profile

Name: Age/Gender: Max ID/Mobile: Centre:

Lab ID: Ref Doctor Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:

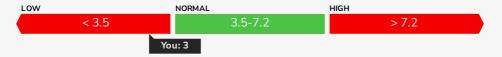


Uric Acid: 3 mg/dl

METHOD: URICASE, COLORIMETRIC

Uric Acid is a breakdown product of genetic material present in cells. Most of the uric acid excreted is lost in the urine. Physiologically serum uric acid is increased after severe exercise, after fasting or a high fat diet. Pathologically is increased in gout, cancer, renal failure etc.

LOW



Some causes for a high uric acid level



ALCOHOL, HIGH-FAT DAIRY, FAST FOODS



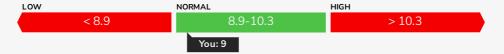


Calcium: 9 mg/dl

METHOD: ARSENAZO III

Calcium is the mineral vital for bone health. It is increased in cancer, high vitamin D intake, in chronic renal failure patients, hyperparathyroidism while it is decreased in hypoparathyroidism, vitamin D deficiency, pancreatic disease etc.

NORMAL



Some calcium-rich foods include:





Before taking calcium supplements, talk to a doctor. Taking in too much calcium, an issue called hypercalcemia, can increase the risk of cardiovascular disease, kidney stones, and other serious health problems.

When a deficiency is severe or when supplements and dietary adjustments are not achieving sufficient results, a doctor may prescribe calcium supplements.

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Kidney And Electrolyte Profile

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:





Sodium plays a key role in your body. It helps maintain normal blood pressure, supports the work of your nerves and muscles, and regulates your body's fluid balance.

Both dehydration and retention of excess water in the body causes abnormal levels of sodium. During athletic activity, your body loses sodium through your sweat.

Foods rich in sodium







Eating potassium-rich foods removes excess sodium from the body thus ensuring that your blood pressure doesn't become too high.

Food sources of potassium



MILK AND DAIRY
PRODUCTS





Chloride helps move fluids in and out of cells in your body. It's also an essential component of digestive juices.

Food sources of chloride





Phosphorus: 5.3 mg/dl METHOD: PHOSPHO-MOLYBDATE

Inorganic phosphorus is a major component of bone and plays an important role in the structural support of the body. They are involved in regulation of metabolism of proteins, fats, and carbohydrates, and are excreted by kidneys. Increased levels are seen in bone tumors, vitamin D intoxication, healing fractures, renal failure, hyperparathyroidism etc.

HIGH



Food sources of Phosphorus





ALMONDS

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📞 Helpline No. 7982 100 200 🏻 🜐 www.maxlab.co.in 🔀 feedback@maxlab.co.in

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Kidney And Electrolyte Profile

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Age/Gender:
Max ID/Mobile:
Centre:

Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:

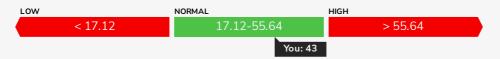


Blood Urea: 43.0 mg/dL

METHOD: ENZYMATIC RATE (UREASE)

Urea is the nitrogenous waste product generated from protein breakdown. It is eliminated from the body almost exclusively by the kidneys in urine.

NORMAL



Blood Urea Nitrogen (BUN): 20.09 mg/dl

METHOD: ENZYMATIC RATE (UREASE)

BUN (mg/dl) = Urea (mg/dl) / 2.1428. Its value depends upon the level of Blood Urea.

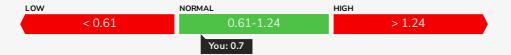
NORMAL



Serum Creatinine: 0.7 mg/dl

METHOD: ALKALINE PICRATE KINETIC

Creatinine is a waste product present in all body fluids and secretions, and is freely filtered by the kidney. It is produced • NORMAL each day and is related to muscle mass (and body weight). It is increased in diminished renal function.







Your kidneys can be ill even if you're fine. Your kidneys can have a disease but your body might not show any effects of that



Your BP (blood pressure) is an important factor for the health of your kidneys. Your doctor may check your BP - high BP for a long time can damage your kidneys.

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Kidney And Electrolyte Profile

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Ref Doctor:
Passport No:
OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



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Blood Counts And Anemia

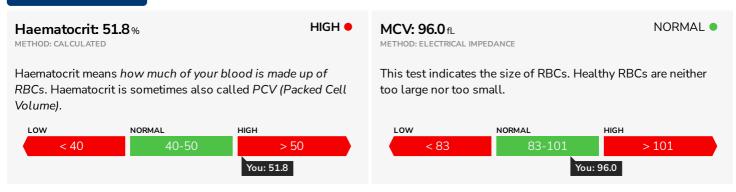
Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:



Constituents of your blood

CBC is a group of blood tests that evaluates the cells circulating in blood, including RBC,WBC and platelets. CBC can detect a variety of diseases like anaemia, infections and blood cancers.

Your results



Differential leukocyte count

There are three types of granulocytes: neutrophils, eosinophils, basophils. They are the first line of defence - they fight bacterial infections and allergies.



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You: 32.0

Collection Date/Times

Blood Counts And Anemia

Lab ID:

Name: Ref Doctor Receiving Date: Age/Gender: Passport No: Reporting Date: Max ID/Mobile: OP/IP No: Centre: NORMAL • NORMAL • Haemoglobin: 16.60 g/dl RBC count: 5.40 10~12/L METHOD: MODIFIED CYANMETHEMOGLOBIN METHOD: ELECTRICAL IMPEDANCE Hemoglobin is present in the Red Blood Cells and it carries The number of red blood cells in 1 microlitre of your blood. Low oxygen to the tissues. If Hb is less it causes anemia. Anemia RBCs count indicates anemia. because of low hemoglobin and is more common in women. Decrease in haemoglobin results in Anaemia. WBC are often raised in infections. ιow HIGH NORMAI HIGH NORMAL I OW > 17You: 5.40 You: 16.60 NORMAL . NORMAL . MCH: 30.7 pq MCHC: 32.0 q/dl METHOD: CALCULATED METHOD: CALCULATED MCH level refers to the average amount of hemoglobin found in This is the average concentration of hemoglobin in your red the red blood cells in the body. blood cells. Low value means hemoglobin is present in a lesser amount within your RBCs. > 32 < 31.5 > 34.5



About

High RDW (Red cell Distribution Width) indicates that your RBCs are of variable sizes. If your RBCs are smaller than standard size or if your RBCs are bigger than normal size, in both cases, your RDW will come high. This test will help to know the type and reason for anemia. A high RDW could mean nutrient deficiencies.

RDW-CV and RDW-SD are two different values to understand RBCs size variation.

You: 30.7



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Blood Counts And Anemia

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:



Lymphocytes: 40%

METHOD: VCS / LIGHT MICROSCOPY



Lymphocytes are a type of WBC. They increase in number in chronic and viral infections and play a major role in your immune system. Their number decreases with an increase in steroids.

Abs. Lymphocyte Count: 2.2 10~9/L

METHOD: CALCULATED FROM TLC & DLC



Monocytes: 08%

METHOD: VCS / LIGHT MICROSCOPY



Monocytes are a type of white blood cell that fights bacteria and viruses. A high number of monocytes in the blood is caused by viral or parasitic infection, chronic inflammatory disease

Abs. Monocyte Count: 0.44 10~9/L

METHOD: CALCULATED FROM TLC & DLC



Neutrophils: 48%

METHOD: VCS / LIGHT MICROSCOPY



Neutrophils are the most abundant type of WBCs. They increase in number and respond rapidly in inflammatory processes (redness and swelling in response to the infection), tissue injury and bacterial infection.

Abs. Neutrophil Count: 2.62 10~9/L

METHOD: CALCULATED FROM TLC & DLC



Eosinophils: 04%

METHOD: VCS / LIGHT MICROSCOPY



Eosinophils are white blood cells that fight infection. An allergic reaction, or cancers are most common causes of this disorder. Increased amounts of eosinophils can be present in your blood or tissues at the area of infection.

Abs. Eosinophil Count: 0.22 10~9/L

METHOD: CALCULATED FROM TLC & DLC



Basophils: 00%

METHOD: VCS / LIGHT MICROSCOPY



Basophils are WBC that release enzymes to fight harmful bacteria and germs, involved in allergic reactions, help to trigger inflammation and prevent blood clotting.

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Blood Counts And Anemia

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:





If any of your tests are abnormal, it does not confirm a medical problem. There are several factors like diet, lifestyle, women's menstrual cycle, medications, etc. Consult your doctor to know more.

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Blood Clotting

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:



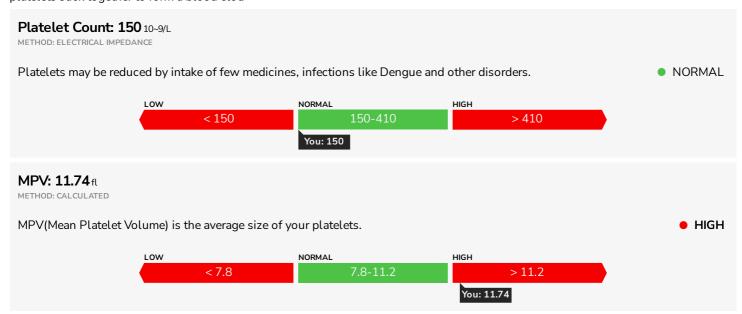
About Blood Coagulation

A Blood clot is a gel-like collection of blood. When formed on external injury, it seals your wounds and prevents excess blood loss. Blood coagulation(formation of blood clot) is a complex bioprocess involving many factors. Imbalance of these clotting factors causes bleeding problems. Both too little blood clotting and excessive blood clotting are health problems.

Your results

Platelet Profile

Platelets, which are tiny cells in your blood, have a very important role in blood coagulation. Whenever you get a cut or bleed, platelets stick together to form a blood clot.



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Blood Clotting



Name: Age/Gender: Max ID/Mobile: Centre:

Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time Receiving Date: Reporting Date:



Did you know



A blood clot formed inside your blood vessels is very serious and can even cause a heart attack.

This profile is done to:



Diagnose bleeding problems-If you bleed a lot after cuts or you get significant easy bruising. If your nose bleeds or if your bleeding from gums take more than normal time to stop.



Check your risk of developing blood clots inside your body- blood clots formed inside your blood vessels can block your vessels.



Check proper functioning of your liver-Normal levels of clotting factors means your liver is producing them properly.

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Iron Studies

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No: Collection Date/Time: Receiving Date: Reporting Date:



About Iron Studies

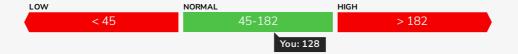
Anemia is the condition where your body has less RBCs (red blood cells) or the RBCs don't have enough haemoglobin. Hemoglobin is an oxygen binding protein inside a RBC. RBCs carry oxygen to different parts of your body. Untreated anemia can lead to heart diseases.

Your results

Iron: 128.25 µg/dL

NORMAL

Iron is a trace element distributed in the body in a number of different compartments, including hemoglobin, tissue iron etc. Iron is transported from one organ to another by binding to a transport protein called transferrin.



Overall Diet and Lifestyle to avoid Anemia



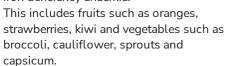
Eat plenty of iron-rich foods like greenleafy vegetables, lentils, and beans.



Avoid drinking tea or coffee with your meals, as they can affect iron absorption.



Food rich in vitamin C can improve iron absorption and thus help in preventing iron deficiency anaemia.





Take Vitamin A rich foods like red and yellow fruits as this vitamin increases iron absorption from food.



Eat folate rich foods like fruits, dark green leafy vegetables, green peas, kidney beans (Rajma), black eyed peas (lobia), broccoli, cereals fortified with folate and peanuts.



If you are a strict vegetarian then you might be vitaminB12 deficient. This vitamin is naturally present in meat, fish, egg and dairy products. You can try cereals fortified with B12, mushrooms and B12 supplements.

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Iron Studies

Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



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All Other Tests

 Name:
 Lab ID:

 Age/Gender:
 Ref Doctor:

 Max ID/Mobile:
 Passport No:

 Centre:
 OP/IP No:

Collection Date/Time:
Receiving Date:
Reporting Date:

All Other Tests

Find your remaining tests below

● Normal (N) ● Low (L) ● Borderline (BL) ● High (H) ● No Ref Range

Test Name Result Range

eGFR by MDRD	129.88 ml/min/1.73 m²	-
eGFR by CKD EPI 2021	123.89	-

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