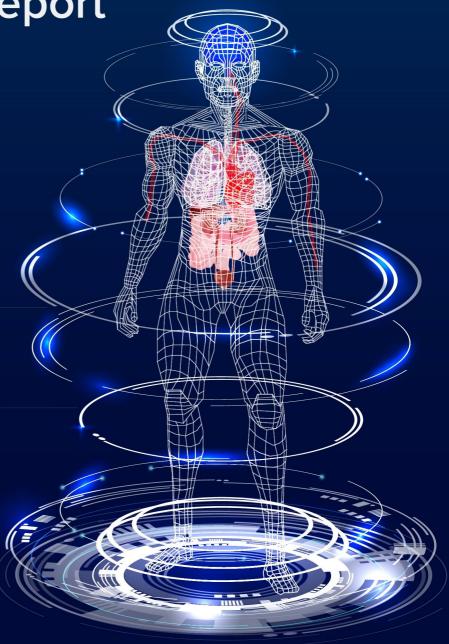


Your Personal

SMART Report

- Insightful
- Engaging
- **Actionable**

Max Care Health Check 3



Booking ID Collection Date- Reporting Date -





52b7567296

Your Health Summary

 Name:
 Lab ID:

 Age/Gender:
 Ref Doctor:

 Max ID/Mobile:
 Passport No:

 Centre:
 OP/IP No:

Collection Date/Time: Receiving Date: Reporting Date:



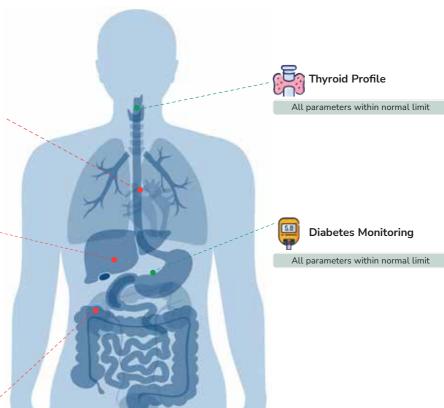
+ 3 tests Please Watchout			
Test Name	Result		
Total Cholesterol	204		
LDL Cholesterol	128		
Triglycerides	273.0		







Please Watchout	
Test Name	Result
BUN : Creatinine ratio	11.91





+ 3 tests Please Watchout			
Test Name	e Result		
Haemoglobin	17.5		
Haematocrit	55.7		
RBC count	5.65		



All parameters within normal limit

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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

BORDERLINE

Borderline (BL)

ABNORMAL

Diabetes Monitoring, Thyroid Profile, Blood Clotting, Iron Studies, Vitamin Profile

Liver Profile, Kidney And Electrolyte Profile

Lipid Profile, Blood Counts And Anemia

High (H)

No Ref Range

Normal (N)

DIABETES MONITORING



Test Name	Result	Unit	Range
Blood Sugar (Fasting)	79	mg/dL	74-99
HbA1c (Glycosylated Haemoglobin)	5.50	%	< 5.7
Glycosylated Haemoglobin(Hb A1c) IFCC	36.6	mmol/mol	0-39
eAG (Estimated Average Glucose)	111.15	mg/dL	
Average Glucose Value(Past 3 Months IFCC)	6.16	mmol/L	

Low (L)

THYROID PROFILE

Test Name	Result	Unit	Range
T3 (Triiodothyronine)	1.31	ng/mL	0.87-1.78
T4 (Thyroxine)	8.77	μg/dL	5.93-13.29
● TSH	3.157	uIU/ml	0.34-5.6



LIPID PROFILE

Test Name	Result	Unit	Range
Total Cholesterol	204	mg/dl	< 200
HDL Cholesterol	58	mg/dl	>40
LDL Cholesterol	128	mg/dl	0-100
Triglycerides	273.0	mg/dl	< 150
● VLDL	54.6	mg/dl	0-30
Non - HDL Cholesterol	146.00	mg/dL	0-130
HDL: LDL ratio	0.45	Ratio	0.3-0.4
■ Total Cholesterol : HDL ratio	3.5		0-4.9

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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	1.9		1.2-1.5
Total Bilirubin	0.42	mg/dl	0.3-1.2
Direct Bilirubin	0.09	mg/dl	0.1-0.5
Indirect Bilirubin	0.33	mg/dL	0.1-1
SGOT (AST)	30	U/L	0-50
SGPT (ALT)	26	U/L	17-63
AST / ALT Ratio	1.15	Ratio	
ALP	79	U/L	32-91
• GGT	31.0	U/L	7-50
Protein (Total)	6.99	g/dl	6.5-8.1
Albumin	4.6	g/dl	3.5-5
Globulin	2.4	g/dl	2.3-3.5

M KIDNEY AND ELECTROLYTE PROFILE

Test Name	Result	Unit	Range
BUN : Creatinine ratio	11.91	Ratio	12-20
Uric Acid	6.39	mg/dl	3.5-7.2
■ Calcium	9.02	mg/dl	8.9-10.3
Sodium	143.0	mmol/L	136-144
Potassium	3.7	mmol/L	3.6-5.1
Chloride	105	mmol/l	101-111
Phosphorus	4.00	mg/dl	2.4-4.7
Blood Urea	23.2	mg/dL	17.12-55.64
Blood Urea Nitrogen (BUN)	10.84	mg/dl	8-26
Serum Creatinine	0.91	mg/dl	0.61-1.24



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:

BLOOD COUNTS AND ANEMIA

Test Name	Result	Unit	Range
Haemoglobin	17.5	g/dl	13-17
Haematocrit	55.7	%	40-50
Total Leukocyte Count	7.1	10~9/L	4-10
RBC count	5.65	10~12/L	4.5-5.5
• MCV	98.6	fL	83-101
● MCH	31.1	pg	27-32
● MCHC	31.5	g/dl	31.5-34.5
• RDW	15.2	%	11.5-14.5
Neutrophils	43.8	%	40-80
Lymphocytes	44.0	%	20-40
Monocytes	7.0	%	2-10
Eosinophils	4.3	%	1-6
Basophils	0.9	%	0-2
Abs. Neutrophil Count	3.11	10~9/L	2-7
Abs. Lymphocyte Count	3.1	10~9/L	1-3
Abs. Monocyte Count	0.5	10~9/L	0.2-1
Abs. Eosinophil Count	0.31	10~9/L	0.02-0.5
Abs. Basophil Count	0.060	10~9/L	0.02-0.1

★ BLOOD CLOTTING

Test Name	Result	Unit	Range
Platelet Count	200	10~9/L	150-410
● MPV	10.5	fl	7.8-11.2



IRON STUDIES

Test Name	Result	Unit	Range
• Iron	91.7	μg/dL	45-182



👼 VITAMIN PROFILE

Test Name	Result	Unit	Range
● Vitamin B12	354	pg/mL	222-1439
Vitamin D (25-Hydroxy)	39.68	ng/mL	30-100

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Diabetes Monitoring

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

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

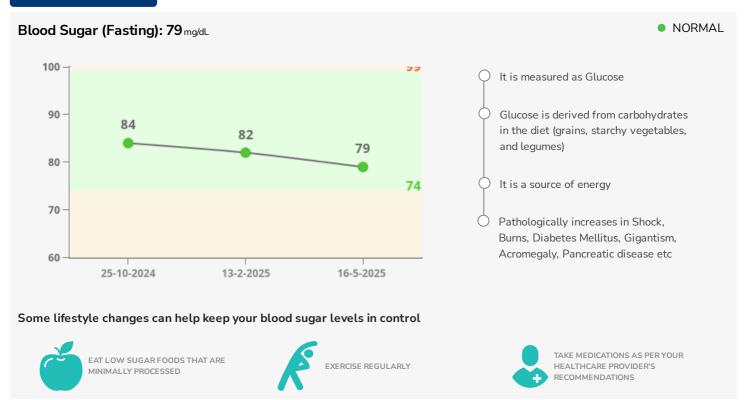
Collection Date/Time: leceiving Date: leporting Date:



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



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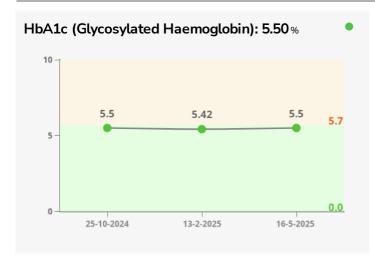
Diabetes Monitoring

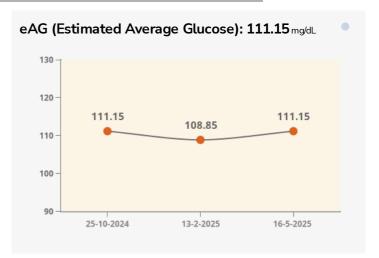
Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

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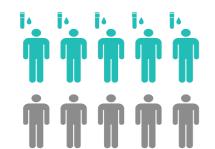
Glycosylated Haemoglobin (Hb A1c) IFCC: 36.6 mmol/mol

NORMAL HIGH > 39
You: 36.6

Average Glucose Value(Past 3 Months IFCC): 6.16 mmol/L

NORMAL

Importance of test



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

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.

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Diabetes Monitoring

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Ref Doctor:
Passport No:
OP/IP No:

Collection Date/Time: Leceiving Date: Leporting Date:



Dr. Mini Singhal M.D.Principal Consultant Pathology

Dr. Shalini Shah M.D.

Attending Consultant Pathology





Thyroid Profile

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

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Collection Date/Time: leceiving Date: leporting 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.

Your Results

NORMAL T3 (Triiodothyronine) 1.31 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 > 1.78 < 0.87 You: 1.31 NORMAL T4 (Thyroxine) 8.77 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.

COW NORMAL HIGH

< 5.93 5.93-13.29 > 13.29

You: 8.77

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Thyroid Profile

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

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Collection Date/Time: Leceiving Date: Leporting Date:



TSH: 3.157 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

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ıikesh

Collection Date/Time: leceiving Date: leporting Date:



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Dr. Shalini Shah M.D. Attending Consultant Pathology





Lipid Profile

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

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Collection Date/Time: Leceiving Date: Leporting Date:



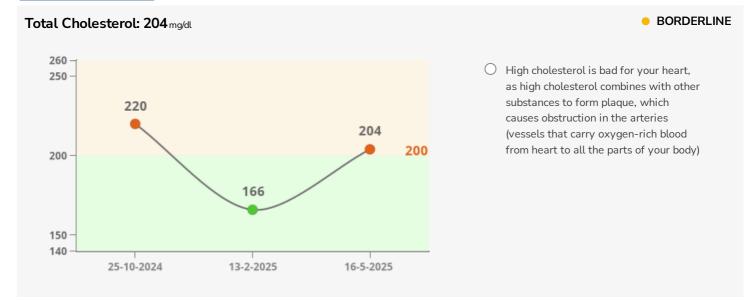
About Lipid Profile

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



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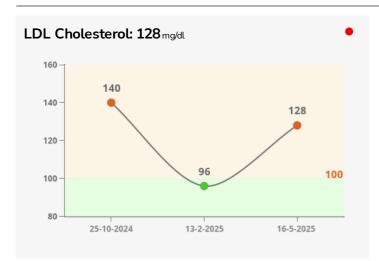
Lipid Profile

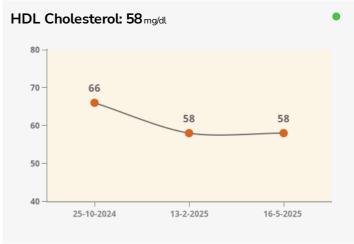
Name: Age/Gender: Max ID/Mobile: Centre: Lab ID: Ref Doctor: Passport No: OP/IP No:

Collection Date/Time: leceiving Date: leporting Date:



HIGH





Triglycerides: 273.0 mg/dl



- The most common type of fat stored in your body
- Triglycerides rise in your blood after you have a meal - as your body 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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Lipid Profile

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



HIGH

HIGH



 VLDL is made by your liver and is used to carry triglycerides to your tissues

Non - HDL Cholesterol: 146.00 mg/dL



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

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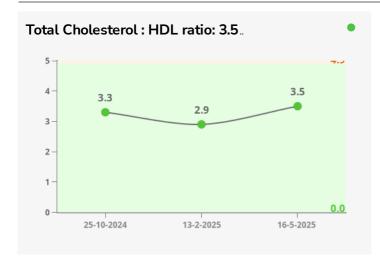


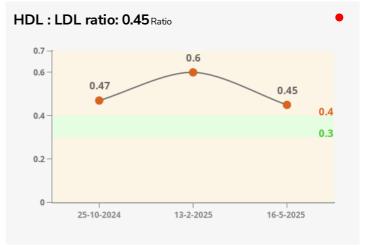


Lipid Profile

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



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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Dr. Shalini Shah M.D.Attending Consultant Pathology

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Liver Profile

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

ıikesh

iollection Date/Time: leceiving Date: leporting Date:



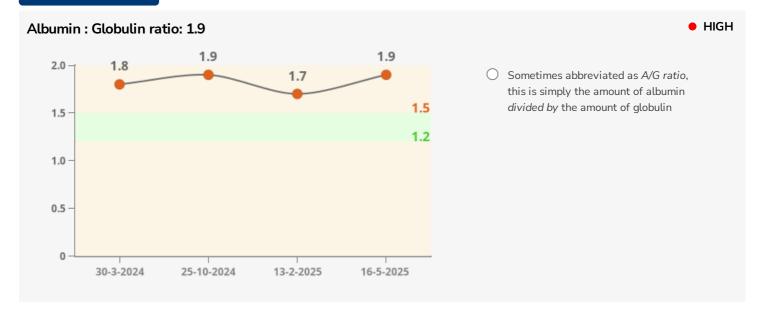
Liver Function Tests

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



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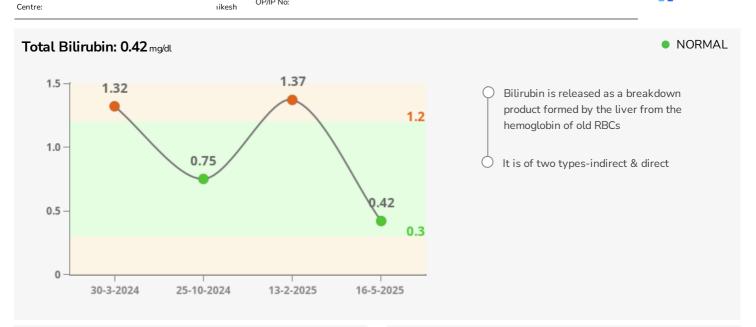


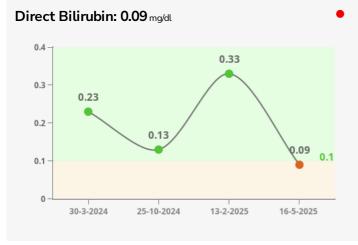


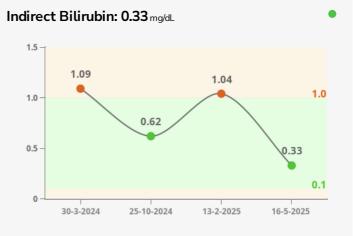
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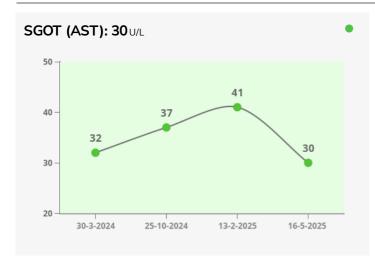
Liver Profile

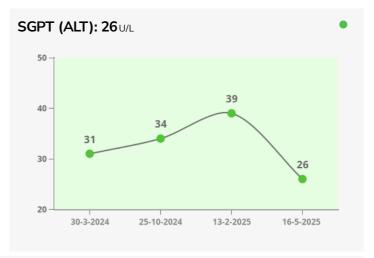
Name: Age/Gender: Max ID/Mobile: Centre: Lab ID:
Ref Doctor:
Passport No:
OP/IP No:

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Collection Date/Time: leceiving Date: leporting Date:

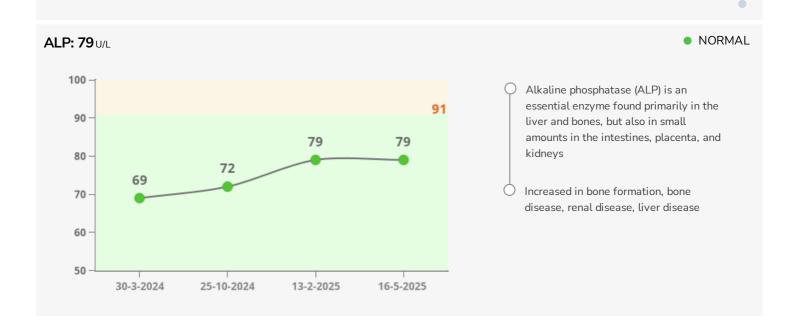






AST / ALT Ratio: 1.15 Ratio

METHOD: CALCULATED



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Liver Profile

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



NORMAL

NORMAL





- O GGT (Gamma-Glutamyl Transferase) is the most sensitive enzyme of your liver
 - It rises whenever there is an obstruction in the passage between your liver and intestine
- Regular alcohol drinking increases GGT levels

Some causes for a high GGT level





Protein (Total): 6.99 g/dl



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

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Conditions of Reporting: 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The reported results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its employees. Llability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.



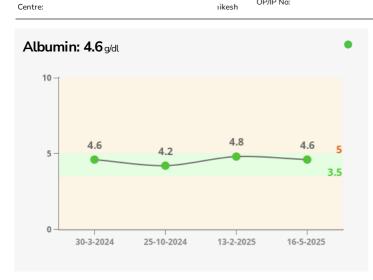


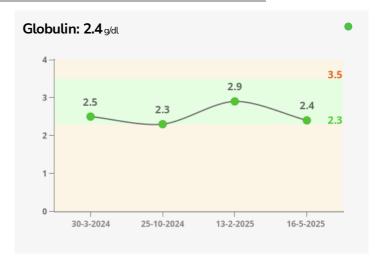
Liver Profile

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

Collection Date/Time: Leceiving Date: Leporting 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.

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De Shelizi Shek M.D.

Dr. Shalini Shah M.D. Attending Consultant Pathology

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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: leceiving Date: leporting 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.

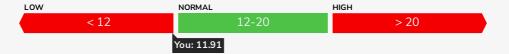
Your Results

BUN: Creatinine ratio: 11.91 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

LOW



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Kidney And Electrolyte Profile

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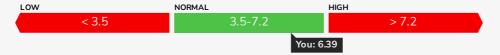
Collection Date/Time: Leceiving Date: Leporting Date:



Uric Acid: 6.39 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. • NORMAL 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.



Some causes for a high uric acid level



ALCOHOL, HIGH-FAT DAIRY, FAST



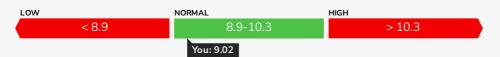


Calcium: 9.02 ma/dl

METHOD: ARSENAZO III

Calcium is the mineral vital for bone health. It is increased in cancer, high vitamin D intake, in chronic renal failure

NORMAL
patients, hyperparathyroidism while it is decreased in hypoparathyroidism, vitamin D deficiency, pancreatic disease etc.



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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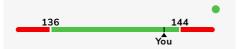
Kidney And Electrolyte Profile

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

Collection Date/Time: leceiving Date: leporting 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.

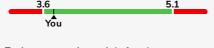
Both dehydration and retention of excess water in the body causes abnormal levels of sodium. During athletic activity, your body loses sodium through your sweat.

Foods rich in sodium





Potassium: 3.7 mmol/L METHOD: ISE DIRECT



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



FRUITS (APRICOTS, BANANAS, CITRUS FRUITS)

Chloride: 105 mmol/l METHOD: ISE DIRECT



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





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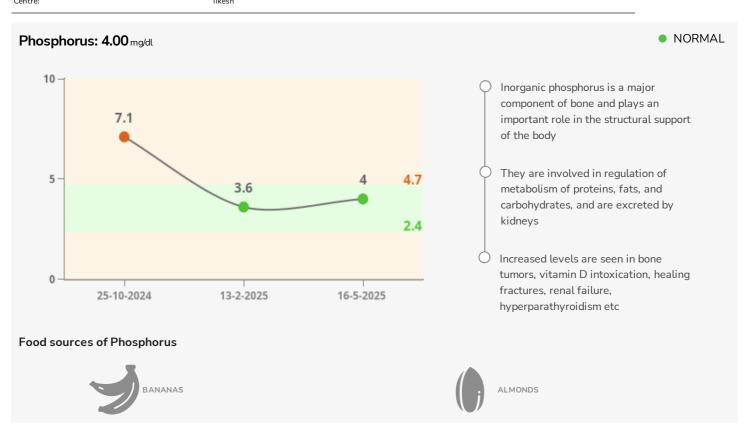




Kidney And Electrolyte Profile

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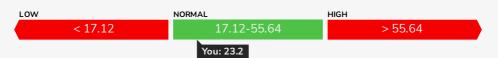


Blood Urea: 23.2 mg/dL

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



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Kidney And Electrolyte Profile

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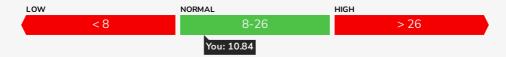


Blood Urea Nitrogen (BUN): 10.84 mg/dl

METHOD: ENZYMATIC RATE (UREASE)

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

NORMAL



Serum Creatinine: 0.91 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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Attending Consultant Pathology





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Blood Counts And Anemia

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

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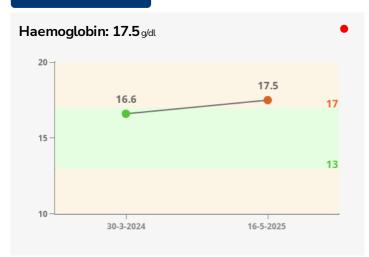
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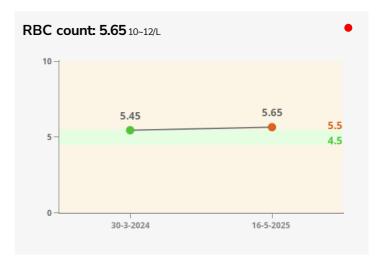


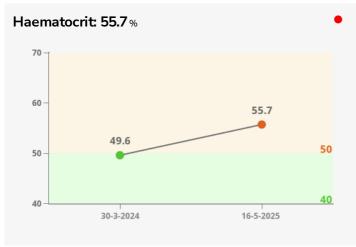
Constituents of your blood

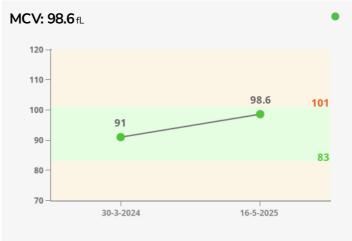
CBC is a group of blood tests that evaluates the cells circulating in blood, including RBC,WBC and platelets. CBC can detect a variety of diseases like anaemia, infections and blood cancers.

Your results









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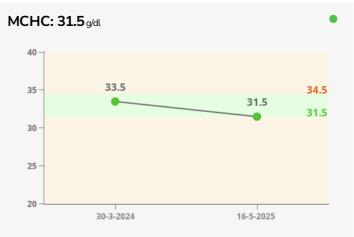
Blood Counts And Anemia

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









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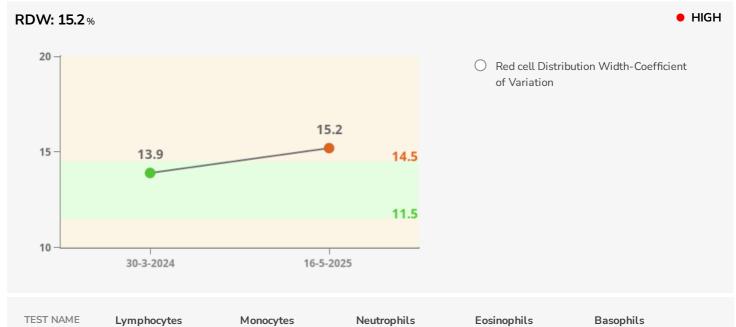
Blood Counts And Anemia

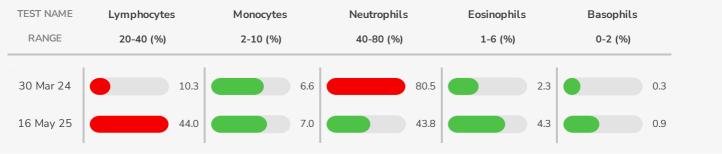
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Blood Counts And Anemia

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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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Principal Consultant Pathology

Dr. Shalini Shah M.D.

Attending Consultant Pathology





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Blood Clotting

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

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

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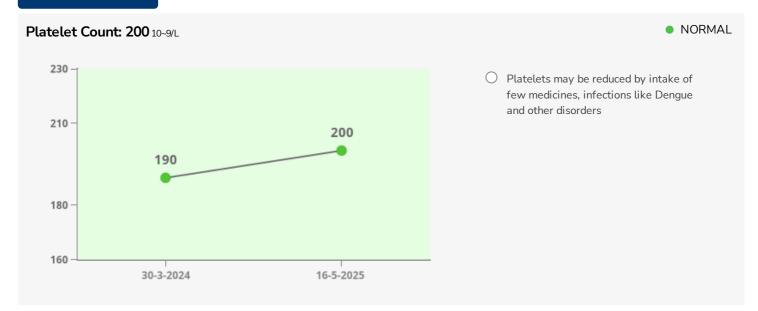
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About Blood Coagulation

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



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Blood Clotting

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

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Collection Date/Time: leceiving Date: leporting 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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Blood Clotting

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

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Collection Date/Time: Leceiving Date: Leporting Date:



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Dr. Shalini Shah M.D.

Attending Consultant Pathology





Iron Studies

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

ıikesh

Collection Date/Time: Leceiving Date: Leporting Date:



NORMAL

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 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



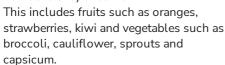
Eat plenty of iron-rich foods like greenleafy vegetables, lentils, and beans.



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:

ıikesh

Collection Date/Time: leceiving Date: leporting Date:



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Vitamin Profile

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

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

ıikesh

Collection Date/Time: leceiving Date: leporting Date:



About Vitamin Profile

Vitamins and minerals are considered essential nutrients as they perform hundreds of roles in the body. They help maintain bones, heal wounds, and strengthen your immune system. They also convert food into energy, and repair cellular damage.

Your results

Vitamin B12: 354 pg/mL

METHOD: CLIA

Vitamin B12, also known as cyanocobalamin, is water soluble vitamin that is required for the maturation of erythrocytes • NORMAL (RBCs). Vitamin B12 is tested for patients with GIT disease, Neurological disease, psychiatric disturbances, malnutrition, alcohol abuse and anemia



Food Sources of Vitamin B12:







Symptoms of Vitamin B12 Deficiency:



WEAKNESS, TIREDNESS, NERVE PROBLEMS LIKE NUMBNESS OR TINGLING, MUSCLE WEAKNESS, AND PROBLEMS WALKING





CONSTIPATION, DIARRHEA, LOSS OF APPETITE, MENTAL PROBLEMS LIKE DEPRESSION, MEMORY LOSS, OR BEHAVIORAL CHANGES

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Vitamin Profile

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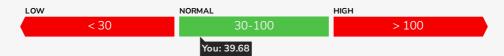
Vitamin D (25-Hydroxy): 39.68 ng/mL

METHOD: CLIA

Vitamin D, also called "wellness vitamin" is produced endogenously through exposure of skin to sunlight, and is absorbed from foods containing or supplemented with vitamin D.

NORMAL

Only a few foods, primarily fish liver oils, fatty fish, egg Yolks, and liver, naturally contain significant amounts of vitamin D. It is metabolized to its biologically active form, 1, 25 – Dihydroxyvitamin D, a hormone that regulates calcium and phosphorus metabolism.



Symptoms of vitamin D Deficiency:



DEFICIENCY MAY INCLUDE: BONE AND BACK PAIN, LOW MOOD, FATIGUE, MUSCLE PAIN, HAIR LOSS, IMPAIRED WOUND HEALING.





Balanced Diet- A balanced diet can take care of all the vitamin needs of your body.



Consult Doctor- Consult your doctor before taking any vitamin supplements.

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All Other Tests

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

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ollection Date/Time: eceiving Date: eporting 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

90.60 ml/min/1.73 m²

eGFR by CKD EPI 2021

105.98

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