

Wellness Screening

Vital Check-up



Sample Report

Sample Report
Vital Annual Screening
Wednesday, July 14, 2021



dna | health

Detox
Balance
Energy
Immunity
Nutrition
Gut Health
Brain

“A comprehensive screening
report that helped guide me
to better health”

Daniel T

DNA Health Client

The Growing Impact of Lifestyle on Health

In today's face-paced world, more than ever, people are increasingly susceptible to lifestyle diseases such as obesity, cancer, heart disease, diabetes, autoimmune diseases and dementia. Collectively, these chronic diseases are the leading causes of disability and premature death worldwide.

About

20%

Of the adult population in the UAE smoke



9/10

People in the UAE are at risk of cardiovascular disease



Nearly

30%

Of the population suffer from generative spine disease



60%

UAE residents suffer from work-related stress



An average of

19%

Of the UAE population suffer from diabetes



70% MEN
60% WOMEN

Over the age of 15 are considered over weight



Health is the most vital investment an individual can make. Preventing disease by identifying warning signs in the earliest stages is the cornerstone of any effective screening programme.

Unlike other health screenings, the DNA Health's screening uses powerful software based on the latest medical research, designed to prevent and detect disease at the earliest stages.

Blood test biomarkers are interpreted using ground-breaking analysis by combining a collection of rules, scoring, weighting, probability, uncertainty, and inference to produce a powerful interpretive "Functional Health Report".

The Functional Health Report succinctly outlines the dysfunction that exists in various physiological systems in the body from the digestion of the food you eat to the health of your liver and the strength of your immune system – which are all key factors in maintaining optimal health.

The most comprehensive, detailed and accurate Health Screening Report

Use The Latest Health & Wellness Analytical Software



We use your health data to put together a unique treatment plan designed to bring your body back into a state of functional health, wellness and energy. Your plan will address many aspects of your life, from physical needs, including nutrition, exercise and sleep, to mental and emotional stressors related to social, work and community life.

Current Screening Date

..... / 07 / 2021

Next Screening Date

..... 14 / 07 / 2022



REALISE YOUR POTENTIAL

HEALTH REPORT

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Dr. Al Jafari's Notes



Dear Mr. Lee,

It has been a pleasure to welcome you to our Clinic. The entire DNA Health team feels privileged to be a part of your journey to wellness and longevity.

Summary of Findings

- Vitamin D3 could be optimised further
- Fasting glucose on the higher-side (I would suggest checking Fasting Insulin and/or running a continuous glucose monitor for a period of time - 1 month)
- No concern otherwise

Sample Report

Blood Test Results Report



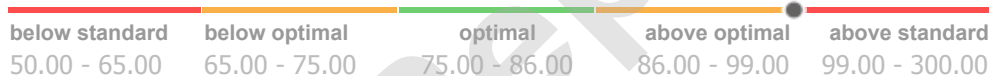
The Blood Test Results Summary Report lists the results of the patient's Chemistry Screen and CBC and shows you whether or not an individual biomarker is outside of the optimal range and/or outside of the clinical lab range. The biomarkers appear in the order in which they appear on the lab test form.

Above Optimal Range 4 Current ↑	Above Standard Range 8 Current ↑↑	Alarm High 0 Current ⚠
Below Optimal Range 10 Current ↓	Below Standard Range 1 Current ↓↓	Alarm Low 0 Current ⚠

Blood Glucose

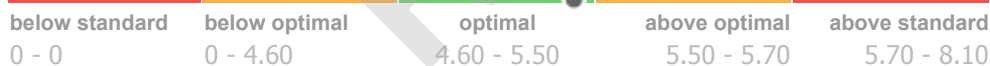
Glucose - Fasting

100.50 mg/dL



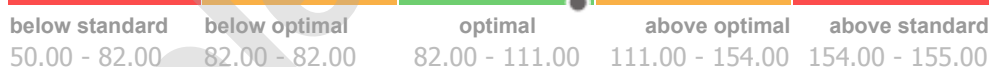
Hemoglobin A1C

5.40 %



eAG

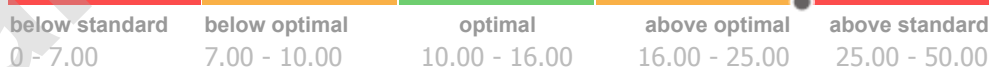
108.28 mg/dl



Renal

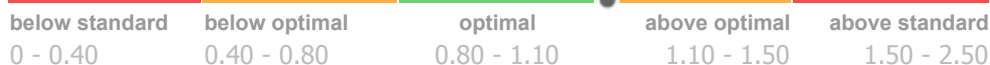
BUN

26.13 mg/dL



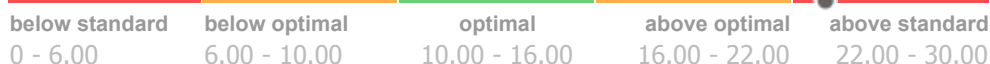
Creatinine

1.12 mg/dL



BUN : Creatinine

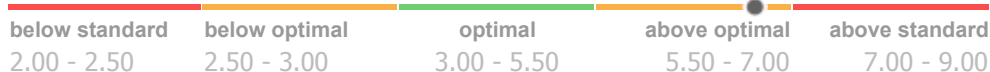
23.33 Ratio



Metabolic

Uric Acid - Female

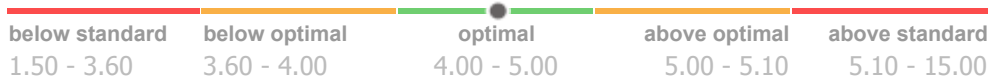
6.70 mg/dL



Proteins

Albumin

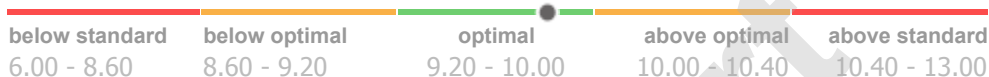
4.50 g/dL



Minerals

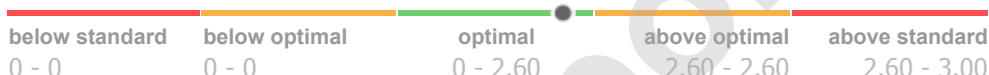
Calcium

9.80 mg/dL



Calcium : Albumin

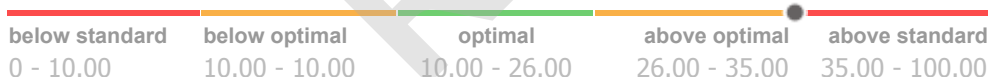
2.18 ratio



Liver and GB

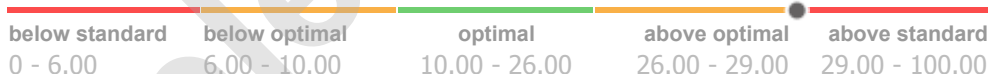
AST

36.00 IU/L



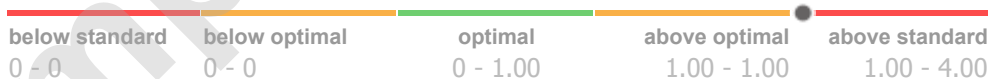
ALT

31.00 IU/L



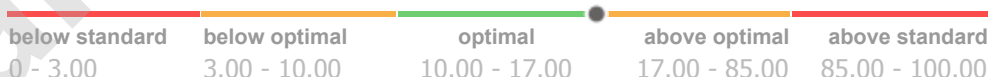
AST : ALT

1.16 Ratio



GGT

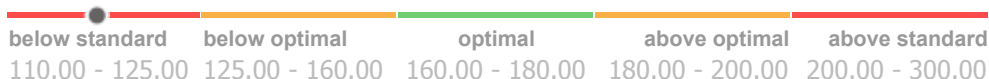
17.00 IU/L



Lipids

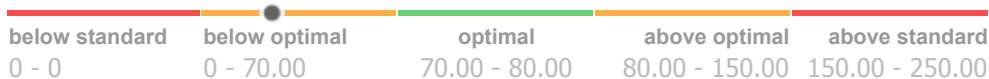
Cholesterol - Total

117.00 mg/dL



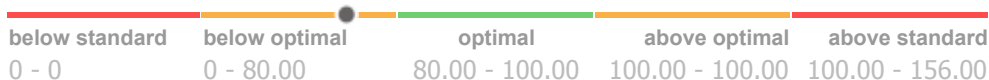
Triglycerides

25.00 mg/dL



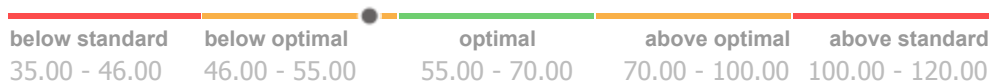
LDL Cholesterol

58.50 mg/dL



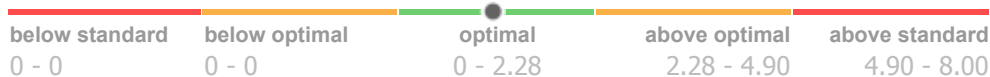
HDL Cholesterol

53.60 mg/dL



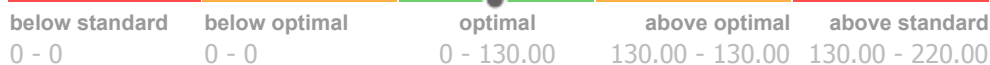
LDL : HDL - Male

1.09 Ratio



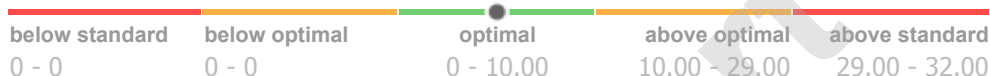
Non-HDL Cholesterol

63.40 mg/dL



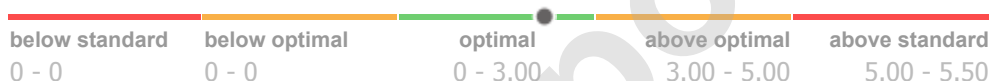
VLDL Cholesterol

4.90 mg/dL



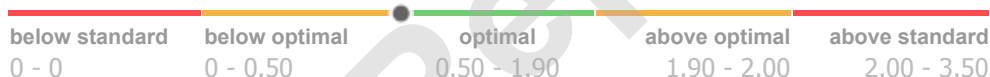
Cholesterol : HDL

2.20 Ratio



Triglyceride:HDL

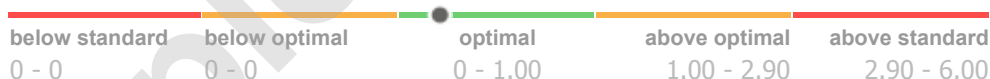
0.50 ratio



Inflammation

Hs CRP - Female

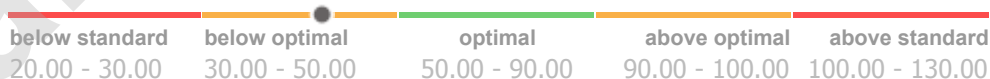
0.20 mg/L



Vitamins

Vitamin D (25-OH)

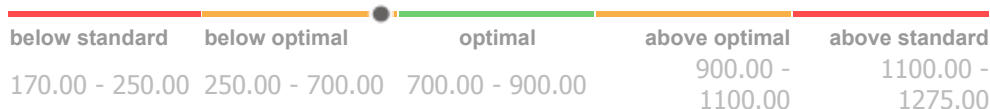
42.00 ng/ml



Hormones

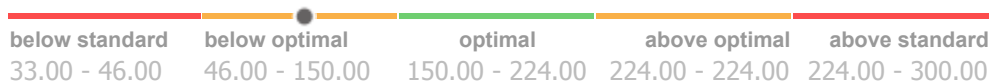
Testosterone Total - Male

656.00 ng/dL



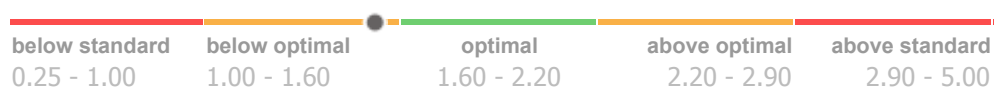
Testosterone Free - Male

100.00 pg/ml



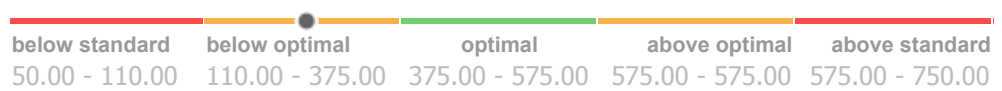
% Testosterone Free - Male

1.52 %



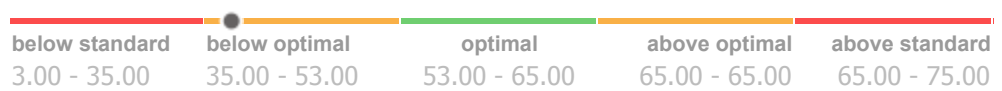
Testosterone Bioavailable - Male

245.19 ng/dl



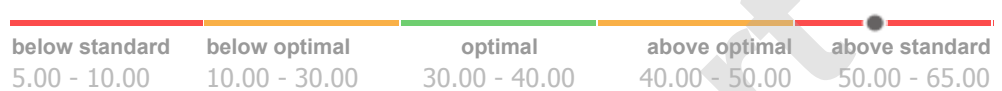
% Testosterone Bioavailable - Male

37.38 %



Sex Hormone Binding Globulin - Male

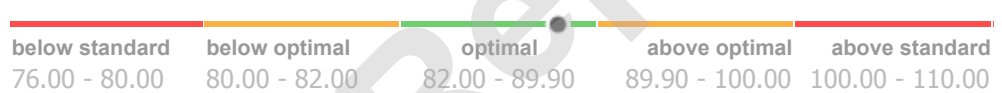
56.00 nmol/L



CBC/Hematology

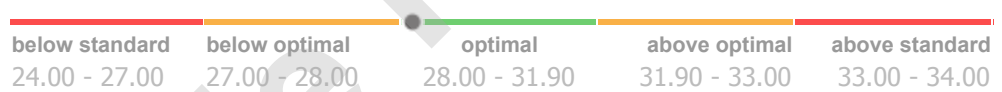
MCV

88.30 fL



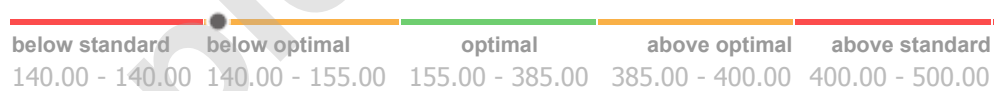
MCH

28.20 pg



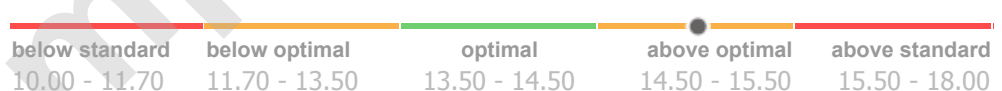
Platelets

141.00 10E3/ μ L



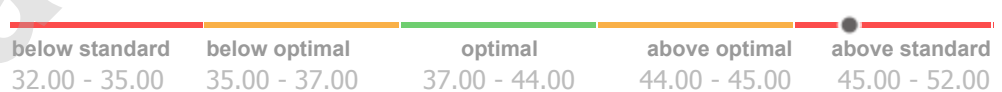
Hemoglobin - Female

15.00 g/dl



Hematocrit - Female

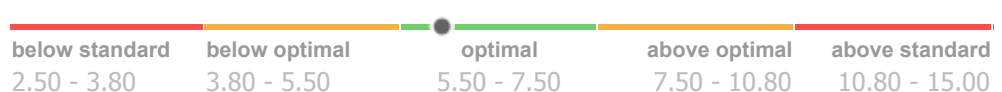
46.90 %



White Blood Cells

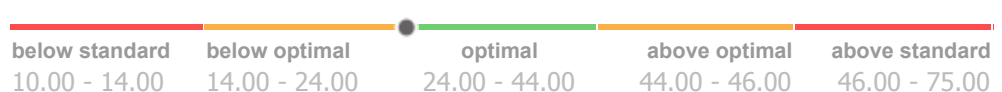
Total WBCs

5.90 k/cumm



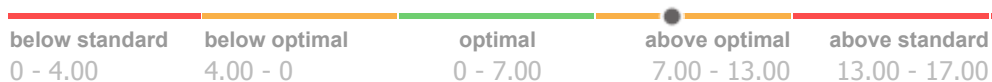
Lymphocytes - %

24.58 %



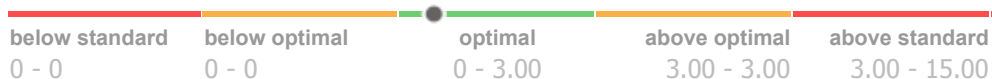
Monocytes - %

9.32 %



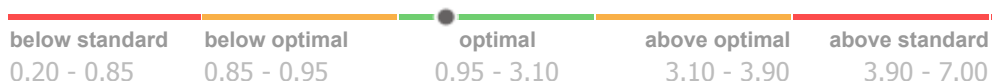
Eosinophils - %

0.51 %



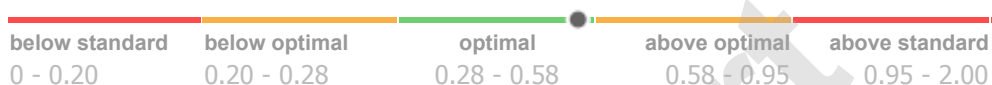
Lymphocytes - Absolute

1.45 k/cumm



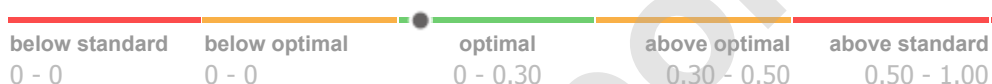
Monocytes - Absolute

0.55 k/cumm



Eosinophils - Absolute

0.03 k/cumm



Sample Report

Blood Test Results Comparative Report



The Blood Test Results Comparative Report lists the results of your latest and previous Blood Chemistry Screen and CBC Test and shows you whether or not an individual biomarker is outside of the optimal range and/or outside of the clinical lab range.

Above Optimal Range 4 Current 5 Previous	Above Standard Range 8 Current 5 Previous	Alarm High 0 Current 0 Previous
Below Optimal Range 10 Current 4 Previous	Below Standard Range 1 Current 0 Previous	Alarm Low 0 Current 0 Previous

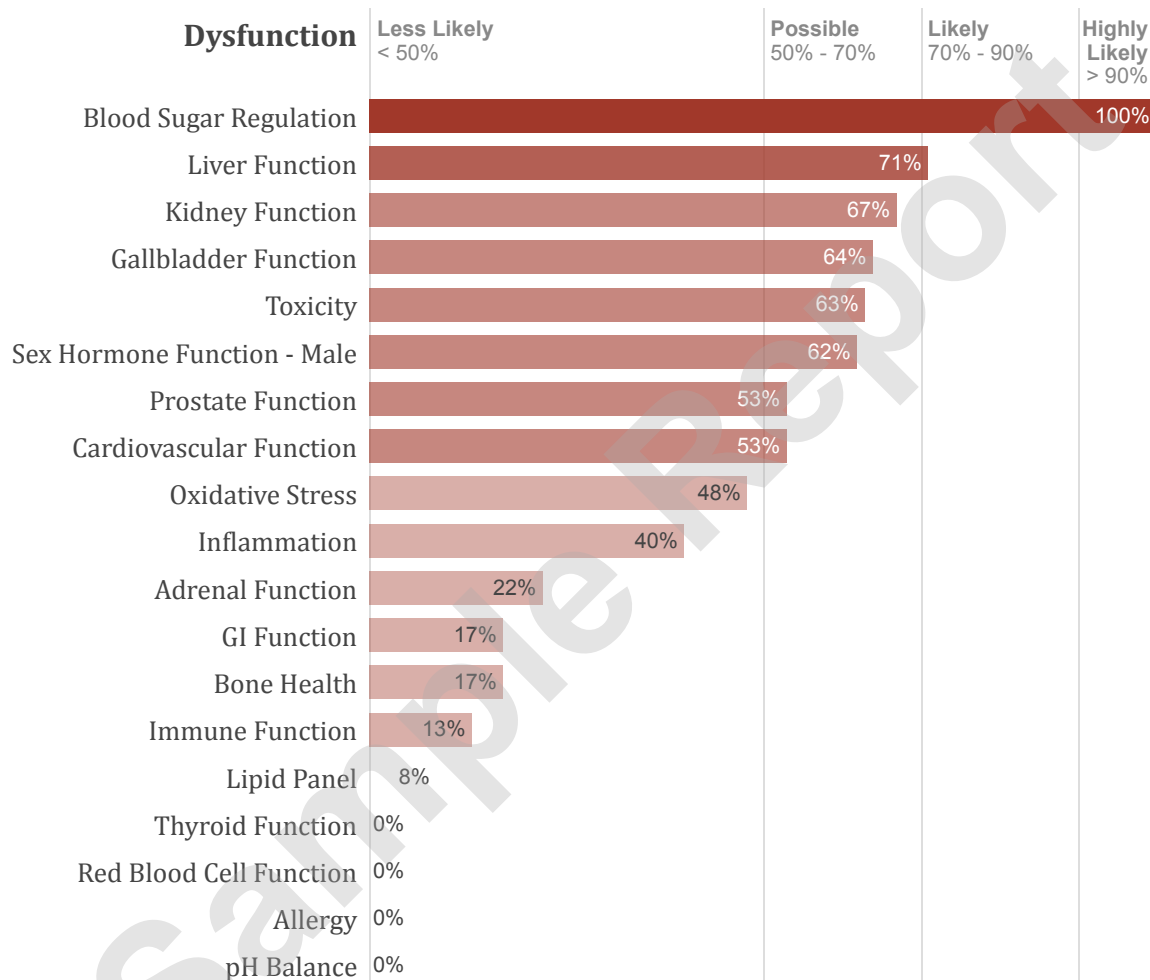
Biomarker	Impr	Previous Jun 06 2021	Current Jul 14 2021	Optimal Range	Standard Range	Units
Glucose - Fasting		75.50	100.50 ↑↑	75.00 - 86.00	65.00 - 99.00	mg/dL
Hemoglobin A1C		4.80	5.40	4.60 - 5.50	0 - 5.70	%
eAG		91.06	108.28	82.00 - 111.00	82.00 - 154.00	mg/dl
BUN			26.13 ↑↑	10.00 - 16.00	7.00 - 25.00	mg/dL
Creatinine		0.63 ↓	1.12 ↑	0.80 - 1.10	0.40 - 1.50	mg/dL
BUN : Creatinine			23.33 ↑↑	10.00 - 16.00	6.00 - 22.00	Ratio
Uric Acid - Female		3.50	6.70 ↑	3.00 - 5.50	2.50 - 7.00	mg/dL
Albumin			4.50	4.00 - 5.00	3.60 - 5.10	g/dL
Calcium		9.90	9.80	9.20 - 10.00	8.60 - 10.40	mg/dL
Calcium : Albumin			2.18	0 - 2.60	0 - 2.60	ratio
AST		18.00	36.00 ↑↑	10.00 - 26.00	10.00 - 35.00	IU/L
ALT		13.00	31.00 ↑↑	10.00 - 26.00	6.00 - 29.00	IU/L
AST : ALT		1.38 ↑↑	1.16 ↑↑	0 - 1.00	0 - 1.00	Ratio
GGT		12.00	17.00	10.00 - 17.00	3.00 - 85.00	IU/L
Cholesterol - Total		219.00 ↑↑	117.00 ↓↓	160.00 - 180.00	125.00 - 200.00	mg/dL
Triglycerides		90.00 ↑	25.00 ↓	70.00 - 80.00	0 - 150.00	mg/dL
LDL Cholesterol		120.00 ↑↑	58.50 ↓	80.00 - 100.00	0 - 100.00	mg/dL
HDL Cholesterol		81.50 ↑	53.60 ↓	55.00 - 70.00	46.00 - 100.00	mg/dL
LDL : HDL - Male		1.47	1.09	0 - 2.28	0 - 4.90	Ratio
Non-HDL Cholesterol		137.50 ↑↑	63.40	0 - 130.00	0 - 130.00	mg/dl
VLDL Cholesterol		17.90 ↑	4.90	0 - 10.00	0 - 29.00	mg/dl
Cholesterol : HDL		2.70	2.20	0 - 3.00	0 - 5.00	Ratio
Triglyceride:HDL		1.10	0.50	0.50 - 1.90	0 - 2.00	ratio
Hs CRP - Female		0.30	0.20	0 - 1.00	0 - 2.90	mg/L
Vitamin D (25-OH)		40.30 ↓	42.00 ↓	50.00 - 90.00	30.00 - 100.00	ng/ml
Testosterone Total - Male			656.00 ↓	700.00 - 900.00	250.00 - 1100.00	ng/dl
Testosterone Free - Male			100.00 ↓	150.00 - 224.00	46.00 - 224.00	pg/ml
% Testosterone Free - Male			1.52 ↓	1.60 - 2.20	1.00 - 2.90	%

Biomarker	Impr	Previous Jun 06 2021	Current Jul 14 2021	Optimal Range	Standard Range	Units
Testosterone Bioavailable - Male			245.19 ↓	375.00 - 575.00	110.00 - 575.00	ng/dl
% Testosterone Bioavailable - Male			37.38 ↓	53.00 - 65.00	35.00 - 65.00	%
Sex Hormone Binding Globulin - Male			56.00 ↑↑	30.00 - 40.00	10.00 - 50.00	nmol/L
MCV	👍	90.60 ↑	88.30	82.00 - 89.90	80.00 - 100.00	fL
MCH		30.10	28.20	28.00 - 31.90	27.00 - 33.00	pg
Platelets	👎	287.00	141.00 ↓	155.00 - 385.00	140.00 - 400.00	10E3/μL
Hemoglobin - Female	👎	12.50 ↓	15.00 ↑	13.50 - 14.50	11.70 - 15.50	g/dl
Hematocrit - Female	👎	37.50	46.90 ↑↑	37.00 - 44.00	35.00 - 45.00	%
Total WBCs	👍	4.50 ↓	5.90	5.50 - 7.50	3.80 - 10.80	k/cumm
Lymphocytes - %		24.44	24.58	24.00 - 44.00	14.00 - 46.00	%
Monocytes - %	👎	8.89 ↑	9.32 ↑	0 - 7.00	4.00 - 13.00	%
Eosinophils - %	👍	3.78 ↑↑	0.51	0 - 3.00	0 - 3.00	%
Lymphocytes - Absolute		1.10	1.45	0.95 - 3.10	0.85 - 3.90	k/cumm
Monocytes - Absolute		0.40	0.55	0.28 - 0.58	0.20 - 0.95	k/cumm
Eosinophils - Absolute		0.17	0.03	0 - 0.30	0 - 0.50	k/cumm

Functional Systems Report



The results shown below represent an analysis of this blood test. The results have been converted into your individual Functional Systems Report based on our latest research. This report gives you an indication of the level of dysfunction that exists in the various physiological systems in your body from the digestion of the food you eat to the health of your liver and the strength of your immune system – which are all key factors in maintaining optimal health. We can use this information to put together a unique treatment plan designed to bring your body back into a state of functional health, wellness and energy.



Blood Sugar Regulation

The Blood Sugar Regulation score tells us how well your body is regulating blood glucose. Blood sugar dysregulation is very common. It doesn't suddenly emerge but rather develops slowly, so we can look for clues in your blood test that can help us determine if there's dysregulation and if so what it is. Some conditions associated with blood sugar dysregulation include hypoglycemia (periods of low blood sugar), metabolic syndrome, hyperinsulinemia and diabetes.

[100%] - Dysfunction Highly Likely. Much improvement required.

Rationale:

Glucose - Fasting ↑, HDL Cholesterol ↓

Liver Function

The Liver Function score reflects the degree of function in your liver. The liver has over 500 known functions. It is involved in detoxification, digestion, the hormonal system, the immune system, controlling blood sugar, storing nutrients, and protein and fat metabolism. The liver also produces a substance called bile that is stored in the gallbladder. Bile is essential for proper fat digestion and is also a major route of elimination for the body. Factors affecting liver function include the accumulation of fat within the liver (a condition called fatty liver), inflammation of the liver cells from infections, toxins, etc. (a condition called hepatitis), actual damage to the liver cells themselves (a condition called cirrhosis) or a decrease in the ability of the liver to detoxify, which leads to detoxification issues. There are biomarkers in the blood that we can measure that can indicate the relative function of the liver.

[71%] - Dysfunction Likely. Improvement required.

Rationale:

ALT ↑, AST ↑, Cholesterol - Total ↓, Triglycerides ↓

Kidney Function

The Kidney Function score reflects the degree of function in your kidneys. The kidneys help to filter waste and toxins from the body and also help regulate fluid and mineral balance, help regulate blood pressure and regulate acid-alkaline balance in the body. Factors affecting kidney function include heavy metal toxicity, dehydration, caffeine and alcohol, liver dysfunction and may over the counter and prescription drugs. Kidney dysfunction can be a slow decrease in function (a condition called renal insufficiency) or impaired function associated with kidney infections and disease.

[67%] - Dysfunction Possible. There may be improvement needed in certain areas.

Rationale:

BUN ↑, Creatinine ↑, BUN : Creatinine ↑, AST ↑

Gallbladder Function

The Gallbladder Function Index reflects the degree of function in your gallbladder. The gallbladder plays an essential role in helping your body digest the fat in the diet. It does this through the release of a substance called bile. Bile is not only essential for fat digestion but it also helps the body get rid of certain toxins and also excess cholesterol from the body. Factors affecting gallbladder function include the inability of the liver to produce bile (a condition called biliary insufficiency), the progressive thickening of the bile in the gallbladder (a condition called biliary stasis), or the presence of obstructions in the gallbladder itself (a condition called biliary obstruction).

[64%] - Dysfunction Possible. There may be improvement needed in certain areas.

Rationale:

AST : ALT ↑, Cholesterol - Total ↓, ALT ↑, Triglycerides ↓

Toxicity

The Toxicity score gives us an indication of whether or not you are dealing with an increased toxicity body burden. Toxins can accumulate in the body from increased exposure to food, water, or the environment. Toxins can also increase because the body's detoxification and elimination functions may be compromised. Whereas a simple blood test cannot tell us which toxins might be a burden to the body we can measure biomarkers in the blood that are affected by the presence of toxins, giving us a functional score for toxicity.

[63%] - Dysfunction Possible. There may be improvement needed in certain areas.

Rationale:

Cholesterol - Total ↓, HDL Cholesterol ↓, Platelets ↓

Sex Hormone Function - Male

The Male Sex Hormone Function score helps us assess levels of important hormones in your body: testosterone, DHEA, progesterone, and estradiol. Blood levels of these crucial hormones diminish with age, contributing to age-related dysfunctions such as low libido, blood sugar problems, excess weight, heart disease, etc. We can measure sex hormone levels in your blood and determine from the Sex Hormone Function score whether the levels are optimal for your continued optimal health and wellness.

[62%] - Dysfunction Possible. There may be improvement needed in certain areas.

Rationale:

Testosterone Free - Male ↓, Testosterone Total - Male ↓

Prostate Function

The Prostate Function score can help us identify dysfunctions in your prostate. These can be a swollen prostate (a condition called Benign Prostatic Hypertrophy – BPH), an infection in the prostate (a condition called prostatitis), or a Urinary Tract Infection (UTI).

[53%] - Dysfunction Possible. There may be improvement needed in certain areas.

Rationale:

Creatinine ↑, Monocytes - % ↑

Cardiovascular Function

The Cardiovascular Function score looks at biomarkers on a blood test to assess your risk of cardiovascular dysfunction. A high Cardiovascular Function score indicates that you may be at an increased risk of developing cardiovascular disease. The Cardiovascular Function score will be used along with information from an examination of your diet, lifestyle, exercise, body mass index, and family history to give us a more complete picture of what is going on.

[53%] - Dysfunction Possible. There may be improvement needed in certain areas.

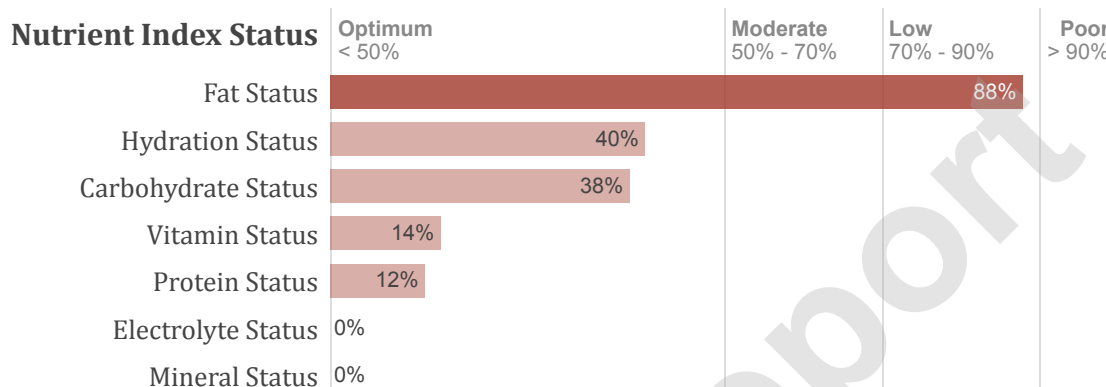
Rationale:

Glucose - Fasting ↑, AST ↑, HDL Cholesterol ↓, Testosterone Total - Male ↓, Vitamin D (25-OH) ↓, Testosterone Free - Male ↓

Nutrient Status Report



The results shown below represent an analysis of your blood test results. These results have been converted into their individual Nutrient Status Report based on our latest research. This report gives you an indication of your general nutritional status. Nutritional status is influenced by actual dietary intake, digestion, absorption, assimilation and cellular uptake of the nutrients themselves. We can use this information to put together a unique treatment plan designed to bring your body back into a state of functional health, wellness and energy.



Fat Status

The Fat Status score gives us an assessment of a fatty acid deficiency in your body. We do this by measuring biomarkers in the blood that can indicate fat deficiencies in the diet itself and also for the ability of your body to handle the fats that you do consume in your diet. A deficiency in Essential Fatty Acids (EFAs) is quite common. EFAs are fats that are essential for life and include the Omega 6 and Omega 3 fats, essential fats that are found in evening primrose oil, fish oils, flaxseed oil, etc.

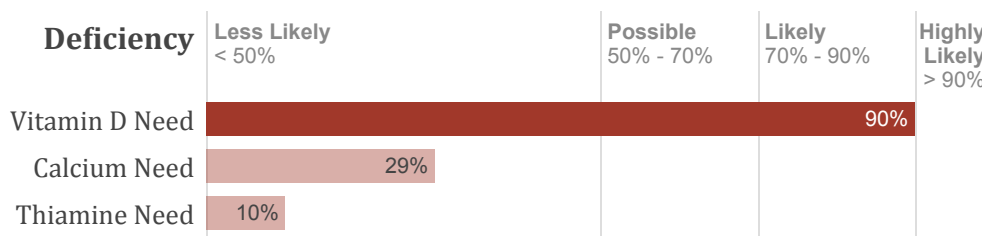
[88%] - Nutrient Status is Low. Improvement required.

Rationale:

Cholesterol - Total ↓, Triglycerides ↓

Individual Nutrient Values

The values below represent the degree of deficiency for individual nutrients based on your blood results. The status of an individual nutrient is based on a number of factors such as actual dietary intake, digestion, absorption, assimilation and cellular uptake of the nutrients themselves. All of these factors must be taken into consideration before determining whether or not you actually need an individual nutrient. I will use the information in this section of your Nutrient Assessment Report to put together an individualized treatment plan to bring your body back into a state of optimal nutritional function.



Deficiency	Less Likely < 50%	Possible 50% - 70%	Likely 70% - 90%	Highly Likely > 90%
DHEA Need	0%			
Magnesium Need	0%			
Zinc Need	0%			
Glutathione Need	0%			
Iron Need	0%			
Vitamin B12/Folate Need	0%			
Iodine Need	0%			
Vitamin B6 Need	0%			
Vitamin C Need	0%			
Molybdenum Need	0%			
Selenium Need	0%			

Vitamin D Need

The results of your blood test indicate that your Vitamin D levels might be lower than optimal.

[90%] - Dysfunction Highly Likely. Much improvement required.

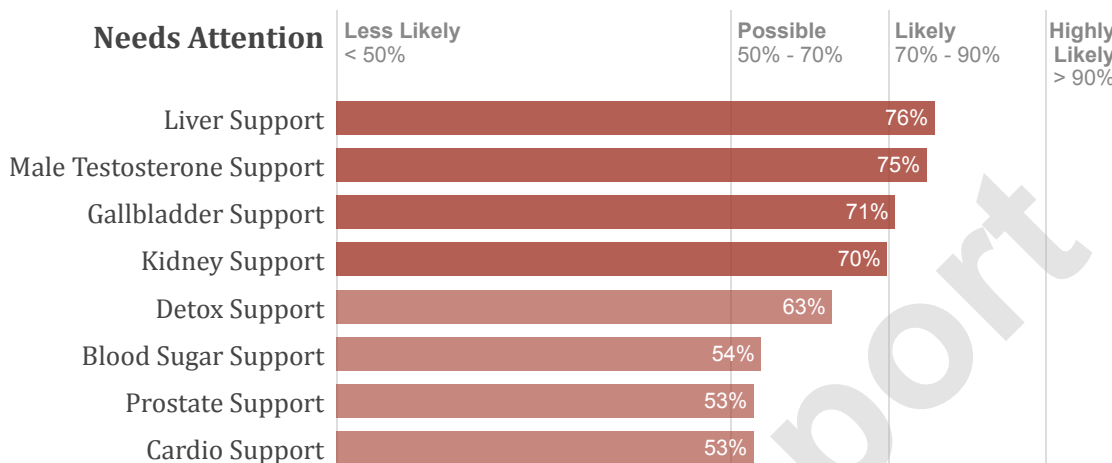
Rationale:

Vitamin D (25-OH) ↓

Health Improvement Plan



The Health Improvement Plan takes all the information on this report and focuses on the top areas that need the most attention.



Liver Support

The results of your blood test indicate a tendency towards liver dysfunction and a need for liver support.

Rationale:

ALT ↑, AST ↑, Cholesterol - Total ↓, Triglycerides ↓, AST : ALT ↑

Male Testosterone Support

The results of your blood test indicate a trend towards testosterone deficiency and a need for testosterone metabolism support.

Rationale:

Testosterone Total - Male ↓, Testosterone Free - Male ↓

Gallbladder Support

The results of your blood test indicate a tendency towards biliary insufficiency/stasis and shows a need for gallbladder support.

Rationale:

AST : ALT ↑, Cholesterol - Total ↓, ALT ↑, Triglycerides ↓

* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

Kidney Support

The results of your blood test indicate a tendency towards renal insufficiency and a need for kidney support.

Rationale:

BUN ↑, Creatinine ↑, Uric Acid - Female ↑, Platelets ↓

Detox Support

The results of your blood test indicate that you may be dealing with increased toxicity and need detoxification support.

Rationale:

Cholesterol - Total ↓, HDL Cholesterol ↓, Platelets ↓

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This Health Improvement Plan has been prepared for **Vital Sample Report** by **Dr. Nasr Al Jafari**. Additional personalized recommendations for nutritional support may be applicable based on this laboratory evaluation, your history and other clinical findings.

Suggested Individual Nutrient Recommendations

The Health Improvement Plan takes all the information on this report and focuses on the top areas that need the most attention.

Needs Attention	Less Likely < 50%	Possible 50% - 70%	Likely 70% - 90%	Highly Likely > 90%
Vitamin D Need			90%	
Essential Fatty Acid Need			88%	

Vitamin D Need

The results of your blood test indicate that your vitamin D levels might be lower than optimal and shows a need for vitamin D supplementation.

Rationale:

Vitamin D (25-OH) ↓

Essential Fatty Acid Need

The results of your blood test indicate that your Essential Fatty Acid levels might be lower than optimal and shows a need for EFA supplementation.

Rationale:

Cholesterol - Total ↓, Triglycerides ↓

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This Health Improvement Plan has been prepared for **Vital Sample Report** by **Dr. Nasr Al Jafari**. Additional personalized recommendations for nutritional support may be applicable based on this laboratory evaluation, your history and other clinical findings.

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You are encouraged to confirm any information obtained from this Report with other sources, and review all information regarding any medical condition or the treatment of such condition with your physician.

NEVER DISREGARD PROFESSIONAL MEDICAL ADVICE, DELAY SEEKING MEDICAL ADVICE OR TREATMENT, OR STOP CURRENT MEDICAL TREATMENT, BECAUSE OF SOMETHING YOU HAVE READ IN THIS REPORT.

Consult your physician or a qualified healthcare practitioner regarding the applicability of any of the information or materials provided in this Report in regards to your symptoms or medical condition.

Always consult your physician before beginning a new treatment, diet, exercise, fitness plan, or health plan or program, and before taking any drug, supplement, or any combination thereof; or if you have questions or concerns about your health, a medical condition, or any plan or course of treatment. If you think you have a medical emergency, call 998 within the United Arab Emirates (or another applicable emergency number) or your doctor immediately.



**YOUR HEALTH
IS YOUR WEALTH**

Laboratory Investigation Report

PHD No. :	Age/Gender :	Sample No. :
Name :		Collection Date :
Doctor :		Received Date :
Centre :	Ref No. :	Reporting Date :

ENDOCRINOLOGY

Test / Parameters	Result	Units	Reference Range	Methodology
FREE TESTOSTERONE CALCULATION				
Albumin (S), serum	4.5	g/dL	3.5 - 5.2	Colorimetric
SHBG, serum	56.00	nmol/L	18 - 54	ECLIA
Testosterone (total)	6.56	ng/mL	2.8 - 8.0	ECLIA
	656.00	ng/dL	280 - 800	
Free Testosterone	0.100	ng/mL	0.090 - 0.30	Calculation

*** End Of Report ***



Dr. Maysaa Sherif
License No : DHAD00169849

Laboratory Investigation Report

PHD No. :	Age/Gender :	Sample No. :
Name :		Collection Date :
Doctor :		Received Date :
Centre :	Ref No. :	Reporting Date :

VITAL ANNUAL CHECK-UP PROFILE

BIO CHEMISTRY

Test / Parameters	Result	Units	Reference Range	Methodology
Glucose (fasting), plasma	100.5	mg/dL	74 - 109	Enzymatic
AST, serum	36	U/L	< 40	Enzymatic
ALT, serum	31	U/L	< 41	Enzymatic
Gama GT, serum	17	U/L	< 61	Enzymatic
Urea, serum	56	mg/dL	19 - 49	Enzymatic
Creatinine, serum	1.12	mg/dL	< 1.17	Kinetic Jaffe
Uric Acid, serum	6.7	mg/dL	3.4 - 7.0	Enzymatic
Calcium (serum)	9.8	mg/dL	8.6 - 10	Colorimetric
25-OH Vitamin D (Total), serum	42.0	ng/mL	Normal: ≥ 30 Insufficient: 21 - 29 Deficient: ≤ 20	ECLIA

*** End Of Report ***



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Laboratory Investigation Report

PHD No. :	Age/Gender :	Sample No. :
Name :		Collection Date :
Doctor :		Received Date :
Centre :	Ref No. :	Reporting Date :

VITAL ANNUAL CHECK-UP PROFILE

BIO CHEMISTRY

Test / Parameters	Result	Units	Reference Range	Methodology
HBA1C, EDTA WHOLE BLOOD				
DCCT HbA1c	5.4	%	Normal: <5.7 Pre-diabetes: 5.7-6.4 Diabetes: ≥6.5	Turbidimetric inhibition immunoassay (TINI)
IFCC HbA1c	35.519	mmol/mol	Normal: < 38.8 Pre-diabetes: 38.8 - 46.4 Diabetes: ≥46.5	Calculation
Estimated Average Glucose (eAG)	108	mg/dL	< 120	Calculation

REMARKS:

American Diabetes Association (ADA) defines certain criteria in the diagnosis of diabetes:

- 1-HbA1c ≥ 6.5% DCCT (48 mmol/mol IFCC).
- 2- Glucose-fasting ≥ 126 mg/dL (no caloric intake for at least 8 hours)
- 3- Glucose-2 hrs ≥ 200 mg/dL during OGTT using a glucose load of 75 g.
- 4- Glucose-random ≥ 200 mg/dL in a patient with classic symptoms of hyperglycemia or hyperglycemic crisis.

Source: Diabetes Care January 2014 vol. 37 no. Supplement 1 S14-S80

*** End Of Report ***



Dr. Maysaa Sherif
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Laboratory Investigation Report

PHD No. :	Age/Gender :	Sample No. :
Name :		Collection Date :
Doctor :		Received Date :
Centre :	Ref No. :	Reporting Date :

VITAL ANNUAL CHECK-UP PROFILE

BIO CHEMISTRY

Test / Parameters	Result	Units	Reference Range	Methodology
LIPID PROFILE				
Cholesterol (total), serum	117	mg/dL	Desirable : < 200 Borderline high : 200-239 High : >240	Enzymatic
Triglycerides, serum	25	mg/dL	Optimal: < 150 Borderline High: 150-200 High: > 200	Enzymatic
HDL Cholesterol, serum	53.6	mg/dL	No risk: > 55 Moderate risk: 35 - 55 High risk: < 35	Enzymatic
LDL Cholesterol, serum	58.5	mg/dL	Optimal: < 100 Near optimal: 100 - 129 Borderline high: 130 - 159 High: 160 - 190 Very high: >190	Enzymatic
VLDL Cholesterol	4.9	mg/dL	10 - 35	Calculation
Cholesterol / HDL ratio	2.2	Ratio	< 5.0	Calculation
TG / HDL Ratio	0.5	Ratio	< 2.0	Calculation
LDL / HDL Ratio	1.1	Ratio	< 3.5	Calculation

*** End Of Report ***



Dr. Maysaa Sherif
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Laboratory Investigation Report

PHD No. :	Age/Gender : 45 Years/M	Sample No. :
Name :		Collection Date :
Doctor :		Received Date :
Centre :	Ref No. :	Reporting Date :

VITAL ANNUAL CHECK-UP PROFILE

HEMATOLOGY

Test / Parameters	Result	Units	Reference Range	Methodology
<u>COMPLETE BLOOD COUNT, EDTA whole blood</u>				Cellular Impedence
RBCs	5.3	10 ⁶ /ul	4.5 - 5.7	
Hgb	15.0	g/dL	13.5 - 17.5	
HCT	46.9	%	40 - 50	
MCV	88.3	fL	80 - 100	
MCH	28.2	pg	27 - 32	
MCHC	32.0	g/dL	31.5 - 35.0	
Platelets	141	10 ³ /cmm	150 - 400	
RDW	13.3	%	11.5 - 15.5	
WBCs	5.9	10 ³ /ul	4 - 11	
<u>DIFFERENTIAL COUNT</u>				
Neutrophils (Seg)	64.8	%	40 - 75	
Neutrophils (Band)		%	1 - 5	
Lymphocytes	24.6	%	22 - 48	
Monocytes	9.3	%	2 - 10	
Eosinophils	0.8	%	0 - 6	
Basophils	0.5	%	0 - 1	
Promyelocytes				
Myelocytes				
Juveniles				
Blast				
<u>ABSOLUTE COUNT</u>				
Neutrophils #	3.823	10 ³ /ul	2 - 7	
Lymphocytes #	1.451	10 ³ /ul	1.0 - 3.0	
Monocytes #	0.549	10 ³ /ul	0.2 - 1.0	



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Laboratory Investigation Report

PHD No. :	Age/Gender :	Sample No. :
Name :		Collection Date :
Doctor :		Received Date :
Centre :	Ref No. :	Reporting Date :

VITAL ANNUAL CHECK-UP PROFILE

HEMATOLOGY

<u>Test / Parameters</u>	<u>Result</u>	<u>Units</u>	<u>Reference Range</u>	<u>Methodology</u>
Eosinophils #	0.047	10 ³ /ul	0.02 - 0.5	
Basophils #	0.030	10 ³ /ul	0.02 - 0.1	

Blood smear shows low platelet count with few giant platelet cells.

*** End Of Report ***



Dr. Maysaa Sherif
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Laboratory Investigation Report

PHD No. :
Name :
Doctor :
Centre :

Age/Gender :
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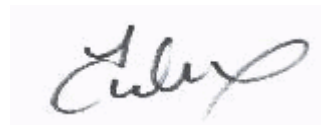
BIO CHEMISTRY

Test / Parameters	Result	Units	Reference Range	Methodology
* CRP (C-Reactive Protein) HS	0.2	mg/l	< 5.0	Immunoturbidimetry
	1.9	nmol/l	< 47.6	

Sample Type : Serum

*** End Of Report ***

Verified By : KBL
Laboratory Technologist, GT15301



Dr. Lobna O. Elmessery, MD
Laboratory Director, D4817

Tests Marked with (*) are accredited by ISO 15189:2012 Accreditation.

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Realise Your Potential

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