

Wellness Screening

**Executive Check-up** 







Sample Report

Executive Wellness

Sun, Jan 01, 2021



## 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



People in the UAE are at risk of cardiovascular disease



## **Nearly**

30%

Of the population suffer from generative spine disease



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 & Welness Analytical Software



We use your health data to put together a unique treatment plan designed to bring your body back into a state of funtional 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** 

**Next Screening Date** 

01/01/2021

01/01/2022



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## Dr. Al Jafari's Notes



Dear Mr \*\*\*\*\*

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.

#### **Multidisciplinary Medical Hist**ory

#### **Medical Hist**ory

	<b>V</b> itals	Target Range
Dat <b>e of Birth</b>	1/6/80	-
Age (years)	38	-
Blood Pressur e	135/80	120/60-140/85
Height (cm)	174 cm	
Weig <b>ht (Kg)</b>	<b>95.2 k</b> g	
Bod <b>y Mass Inde</b> x	31.4	<b>18.5</b> – <b>24.9</b>

Indicat or History

Past Medical History Pre-diabetic – Fatty Liver – Cholesterol

Social History Family History

**Immunisation History** 

Medications Lipicard – 1 tablet per day

Allergies to Medications

Supplements Vitamin D – 10,000 IU daily

Surgical History Spleen Operation (as a child, post car accident)

Lifesty le Factors

Indicat or History

Nutrition & Weight History Tried many diets before, manages to lose 10-kg then regains them. Will to control his intake

when sticking to a plan

In the past year, he has gained 7 – 8 kg, lots of travel, irregular eating habits, poor quality of food

When not traveling, most meals are homemade; however, lots of snacking and grazing throughout

the day, from cereal bars – nuts – fruits etc.

Has sweetener with caffeinated beverages

Water intake ~ 2 liters per day

Weight History:

In 2006, weighed 86kg then lowered it to 76 kg

In 2010 - 2011, did the dukan diet, and lost  $\sim 8$ kg over 4-month period. In 2015, weight was 92kg and lowered it to  $\sim 80$ kg with Dr. Nutrition over a

period of 6 months

Stress High stress work environment, lots of traveling

Sleep Good sleep habits; only wakes up to go to

bathroom at times. Gets to bed by 10 am, and

wakes up by 6 am

Exercise Restarted exercising now, bought 12-sessions of

EMS training, aims to do that 2x/week

Does daily walks, at least 5km sometimes 9 km

#### Presenting Complaints

Indicat or History

Head & Face Urogenital System Circulatory & Respiratory System -

Digestive System No specific GI symptoms

Musculo-Skeletal System Endocrine System Reproductive Health Skin, Hair and Nails -

Mental Health

Energy Levels Relatively good energy

#### Personal Goals and Tests Performed

During your time with us you have highlighted the following health goals:

- Weight Loss
- Eat Healthy
- Exercise more efficiently and consist ently

The multidisciplinary team at DNA Health has thoroughly reviewed your test results. This data, along with the information you have provided, has enabled us to produce this highly specialised holistic management plan.

#### **Summary of Findings**

- Signs of Pre-Diabetes
- High Cardiovascular Risk (Heart Attack and Strokes)
- Non Alcoholic Fatty Liver
- Hormonal Imbalances (Thyroid and Testosterone)
- Nutritional deficiencies (Magnesium, Vitamin D, Glutathione)

#### Next Steps

- Follow up with Dr Al Jafari
- Further investigations to be arranged (Bloods and Imaging)
- Review with Clinical Dietician and Certified Health Coach

#### **Health Recommendations**

Based on results, we can see some evidence of hormonal imbalance – cortisol but no sign of any significant leptin hormone abnormalities. You are MODERATE cardiometabolic risk.

We should strive to implement a full lifestyle protocol. See next steps below:

#### Fasting and Metabolic Reversal Protocol

- Wake up soon after sunrise
- Make sure you go outside first thing in the morning (in order to wake the body up with natural sunlight. Unnatural light has a different spectrum of light which does not have the same effect on the body). ALL hormones and metabolism are linked to the circadian rhythm; morning sun will set your body clock, wake you up and improve sleep at night.
- Eat a wholesome breakfast (combination of natural fats, proteins and non-starchy carbs) this can be any time in the morning (even 11 a.m. for example) it means 'breaking a fast'

Try to consume your food within daylight hours - eat your food within an 8-hour eating 'window' during each day (for example – 11am-to-7pm)

- Similarly, do not eat within 3 hours of going to bed. Therefore, try to have your latest meal by 7 p.m. (and make this your lightest meal)
- Complete a 24hour complete food fast (only water, herbal tea) 2 x per week
- If you really want to reset your metabolism and re-balance your hormones, you should try doing some 'extended fasting'. This would be anything from 36-hrs-up-to 5 days. This can be done as frequently as desired you could switch one of your 24hr fasts for something longer
- Reduce your caffeine to before midday only. Minimise alcohol; this is a sedative but a R.E.M. and Deep sleep disruptor

#### Nutrition:

- No need to cut out whole food groups but limit refined carbohydrates (rice, pasta, bread)
- Your plate should be predominantly plantbased and increase the diversity of your vegetables (aim for 30 different species of vegetables per month). High plant intake with ensure that you are consuming enough nutrients and fiber to enhance gut health and curb your ability to over-eat.

• Limit fruit to two portions per day and avoid high fructose fruits (bananas, melon, pineapple, mangos)

#### Exercise:

- Initially, I would suggest focusing your workouts around resistance training (rather than H.I.I.T). Given your lifestyle, I anticipate that you have a degree of 'sympathetic overdrive/ig htor-lig ht' this means that intensive training will actually be putting more stress on your body and hindering weight loss; until we can achieve a better balance.
- Consider a yoga session or 2 per week; this will help with stress control, allowing you to rest your mind and flip you out of 'flight or flight'

#### Supplementation

- Magnesium 400mg Nocte
- Methyl-Multinutrient once per day
- Omega-3 (DHA/EPA 1gram per day)
- Cortizen Complex twice daily

## **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.



<b>Blood Glucose</b>					
Hemoglobin A1C 5.20 %	below standard	below optimal 0.00 - 4.60	optimal 4.60 - 5.50	above optimal 5.50 - 5.70	above standard 5.70 - 8.10
Glucose - Fasting 75.00 mg/dL	below standard 50.00 - 65.00	below optimal 65.00 - 75.00	optimal 75.00 - 86.00	<b>above optimal</b> 86.00 - 99.00	<b>above standard</b> 99.00 - 300.00
Insulin - Fasting 5.00 μIU/ml	below standard 0.00 - 2.00	below optimal 2.00 - 2.00	<b>optimal</b> 2.00 - 5.00	<b>above optimal</b> 5.00 - 19.00	<b>above standard</b> 19.00 - 28.00
Renal					
Creatinine 1.00 mg/dL	<b>below standard</b> 0.00 - 0.40	below optimal 0.40 - 0.80	<b>optimal</b> 0.80 - 1.10	above optimal	above standard 1.50 - 2.50
BUN 15.00 mg/dL	below standard 0.00 - 7.00	below optimal 7.00 - 10.00	optimal 10.00 - 16.00	<b>above optimal</b> 16.00 - 25.00	above standard 25.00 - 50.00
BUN : Creatinine 15.00 Ratio	below standard 0.00 - 6.00	below optimal 6.00 - 10.00	optimal 10.00 - 16.00	<b>above optimal</b> 16.00 - 22.00	<b>above standard</b> 22.00 - 30.00

#### **Prostate**

PSA - Total 2.00 ng/ml	below standard	below optimal 0.00 - 0.00	<b>optimal</b> 0.00 - 2.50	<b>above optimal</b> 2.50 - 4.00	<b>above standard</b> 4.00 - 10.00
<b>Electrolytes</b> Sodium			•		
135.00 mEq/L	below standard 120.00 - 135.00	below optimal 135.00 - 135.00	<b>optimal</b> 135.00 - 142.00	<b>above optimal</b> 142.00 - 146.00	<b>above standard</b> 146.00 - 155.00
Potassium 4.00 mEq/L	below standard 3.00 - 3.50	below optimal 3.50 - 4.00	optimal 4.00 - 4.50	<b>above optimal</b> 4.50 - 5.30	above standard 5.30 - 6.00
Chloride 100.00 mEq/L	<b>below standard</b> 90.00 - 98.00	<b>below optimal</b> 98.00 - 100.00	optimal 100.00 - 106.00	above optimal 106.00 - 110.00	<b>above standard</b> 110.00 - 115.00
CO2 25.00 mEq/L	<b>below standard</b> 10.00 - 19.00	below optimal 19.00 - 25.00	optimal 25.00 - 30.00	<b>above optimal</b> 30.00 - 30.00	<b>above standard</b> 30.00 - 40.00
Metabolic					
Uric Acid - Male 5.00 mg/dL	below standard 2.00 - 3.45	below optimal 3.45 - 3.50	<b>optimal</b> 3.50 - 5.90	above optimal 5.90 - 8.00	above standard 8.00 - 9.00
Leptin - Male 5.00 ng/ml	below standard 0.00 - 0.30	below optimal 0.30 - 1.20	optimal 1.20 - 9.50	<b>above optimal</b> 9.50 - 13.40	<b>above standard</b> 13.40 - 22.00
Proteins					
Albumin : Globulin  2.00 ratio	below standard 0.50 - 1.00	below optimal 1.00 - 1.40	<b>optimal</b> 1.40 - 2.10	<b>above optimal</b> 2.10 - 2.50	<b>above standard</b> 2.50 - 5.00
Minerals					
Zinc - Serum 90.00 mcg/dL	<b>below standard</b> 10.00 - 60.00	<b>below optimal</b> 60.00 - 80.00	optimal 80.00 - 100.00	<b>above optimal</b> 100.00 - 130.00	<b>above standard</b> 130.00 - 300.00
Magnesium - Serum 2.20 mg/dl	below standard	below optimal 1.50 - 2.20	optimal 2.20 - 2.50	<b>above optimal</b> 2.50 - 2.50	above standard 2.50 - 6.00

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Calcium 10.00 mg/dL	below standard 6.00 - 8.60	below optimal 8.60 - 9.20	<b>optimal</b> 9.20 - 10.00	<b>above optimal</b> 10.00 - 10.40	<b>above standard</b> 10.40 - 13.00
Copper - Serum 75.00 µg/dL	<b>below standard</b> 20.00 - 70.00	<b>below optimal</b> 70.00 - 70.00	<b>optimal</b> 70.00 - 175.00	<b>above optimal</b> 175.00 - 175.00	<b>above standard</b> 175.00 - 300.00
Liver and GB					
15.00 IU/L	<b>below standard</b> 0.00 - 6.00	<b>below optimal</b> 6.00 - 10.00	<b>optimal</b> 10.00 - 26.00	<b>above optimal</b> 26.00 - 29.00	<b>above standard</b> 29.00 - 100.00
AST 12.00 IU/L	below standard 0.00 - 10.00	below optimal 10.00 - 10.00	optimal 10.00 - 26.00	<b>above optimal</b> 26.00 - 35.00	<b>above standard</b> 35.00 - 100.00
GGT 15.00 IU/L	below standard 0.00 - 3.00	below optimal 3.00 - 10.00	optimal 10.00 - 30.00	<b>above optimal</b> 30.00 - 70.00	<b>above standard</b> 70.00 - 100.00
Alk Phos 70.00 IU/L	<b>below standard</b> 23.00 - 35.00	below optimal 35.00 - 70.00	optimal 70.00 - 100.00	<b>above optimal</b> 100.00 - 115.00	<b>above standard</b> 115.00 - 150.00
Iron Markers					
Iron - Serum 85.00 μg/dL	below standard 15.00 - 40.00	below optimal 40.00 - 85.00	optimal 85.00 - 130.00	<b>above optimal</b> 130.00 - 190.00	<b>above standard</b> 190.00 - 250.00
TIBC 250.00 μg/dL	below standard 175.00 - 250.00	below optimal 250.00 - 250.00	optimal 250.00 - 350.00	<b>above optimal</b> 350.00 - 425.00	<b>above standard</b> 425.00 - 585.00
Lipids					
Cholesterol - Total 175.00 mg/dL	below standard 110.00 - 125.00	below optimal 125.00 - 160.00	optimal 160.00 - 180.00	<b>above optimal</b> 180.00 - 200.00	<b>above standard</b> 200.00 - 300.00
Non-HDL Cholesterol 120.00 mg/dl	below standard	below optimal	optimal 0.00 - 130.00	<b>above optimal</b> 130.00 - 130.00	<b>above standard</b> 130.00 - 220.00
LDL Cholesterol 90.00 mg/dL	below standard	below optimal 0.00 - 80.00	optimal 80.00 - 100.00	<b>above optimal</b> 100.00 - 100.00	<b>above standard</b> 100.00 - 156.00

VLDL Cholesterol					
25.00 mg/dl	below standard 0.00 - 0.00	<b>below optimal</b> 0.00 - 0.00	<b>optimal</b> 0.00 - 10.00	<b>above optimal</b> 10.00 - 29.00	<b>above standard</b> 29.00 - 32.00
Triglycerides 70.00 mg/dL	below standard	<b>below optimal</b> 0.00 - 70.00	optimal 70.00 - 80.00	<b>above optimal</b> 80.00 - 150.00	<b>above standard</b> 150.00 - 250.00
HDL Cholesterol 70.00 mg/dL	<b>below standard</b> 35.00 - 46.00	below optimal 46.00 - 55.00	<b>optimal</b> 55.00 - 70.00	<b>above optimal</b> 70.00 - 100.00	<b>above standard</b> 100.00 - 120.00
Cholesterol: HDL 2.00 Ratio	below standard	below optimal	optimal 0.00 - 3.00	<b>above optimal</b> 3.00 - 5.00	above standard 5.00 - 5.50
Triglyceride:HDL  2.00 ratio	below standard	below optimal 0.00 - 0.50	<b>optimal</b> 0.50 - 1.90	<b>above optimal</b> 1.90 - 2.00	above standard 2.00 - 3.50
Apolipoprotein A-1 130.00 mg/dl	below standard 30.00 - 94.00	below optimal 94.00 - 115.00	optimal 115.00 - 176.00	<b>above optimal</b> 176.00 - 176.00	<b>above standard</b> 176.00 - 200.00
Lipoproteins					
Apolipoprotein B 80.00 mg/dl	<b>below standard</b> 25.00 - 52.00	below optimal 52.00 - 52.00	<b>optimal</b> 52.00 - 80.00	<b>above optimal</b> 80.00 - 119.00	<b>above standard</b> 119.00 - 175.00
Lipoprotein (a) 35.00 nmol/L	below standard 0.00 - 0.00	below optimal 0.00 - 0.00	<b>optimal</b> 0.00 - 18.00	<b>above optimal</b> 18.00 - 75.00	<b>above standard</b> 75.00 - 125.00
Thyroid					
TSH 1.50 μU/mL	below standard 0.30 - 0.40	below optimal 0.40 - 1.30	<b>optimal</b> 1.30 - 3.00	above optimal 3.00 - 4.50	<b>above standard</b> 4.50 - 20.00
T3 - Free 3.50 pg/ml	below standard 1.60 - 2.30	below optimal 2.30 - 3.00	<b>optimal</b> 3.00 - 3.50	<b>above optimal</b> 3.50 - 4.20	above standard 4.20 - 6.00
T4 - Free  1.60 ng/dL	below standard 0.57 - 0.80	below optimal 0.80 - 1.00	<b>optimal</b> 1.00 - 1.50	above optimal	above standard

Thyroid Peroxidase (TPO) Abs 1.00 IU/ml	below standard	below optimal 0.00 - 0.00	<b>optimal</b> 0.00 - 6.80	<b>above optimal</b> 6.80 - 9.00	<b>above standard</b> 9.00 - 18.00
Thyroglobulin Abs					
1.00 IU/ml	below standard 0.00 - 0.00	<b>below optimal</b> 0.00 - 0.00	<b>optimal</b> 0.00 - 1.00	above optimal 1.00 - 1.00	above standard 1.00 - 2.00
Inflammation					
Hs CRP - Male					
0.50 mg/L	below standard 0.00 - 0.00	<b>below optimal</b> 0.00 - 0.00	<b>optimal</b> 0.00 - 0.55	<b>above optimal</b> 0.55 - 2.90	above standard 2.90 - 6.00
Homocysteine 7.00 µmol/L	below standard	below optimal	optimal	above optimal	above standard
/.UU μmoi/L	0.00 - 0.00	0.00 - 5.00	5.00 - 7.20	7.20 - 10.30	10.30 - 15.00
Vitamins					
Vitamin D (25-OH)					
50.00 ng/ml	<b>below standard</b> 20.00 - 30.00	<b>below optimal</b> 30.00 - 50.00	<b>optimal</b> 50.00 - 90.00	<b>above optimal</b> 90.00 - 100.00	<b>above standard</b> 100.00 - 130.00
Vitamin B12	below standard	below optimal	optimal	above optimal	above standard
400.00 pg/ml	200.00 - 200.00	200.00 - 450.00	450.00 - 800.00	800.00 - 1100.00	1100.00 - 1500.00
Folate - Serum	below standard	below optimal	optimal	above optimal	above standard
20.00 ng/ml	3.40 - 5.50	5.50 - 15.00	15.00 - 25.00	25.00 - 27.00	27.00 - 30.00
Hormones					
Testosterone Free - Male					•
250.00 pg/ml	<b>below standard</b> 33.00 - 46.00	below optimal 46,00 - 150,00	<b>optimal</b> 150.00 - 224.00	<b>above optimal</b> 224.00 - 224.00	<b>above standard</b> 224.00 - 300.00
F <i>Si</i>					
Testosterone Total - Male	below standard	below optimal	optimal	above optimal	above standard
1000.00 ng/dl	170.00 - 250.00	250.00 - 700.00	700.00 - 900.00	900.00 - 1100.00	1100.00 - 1275.00
DHEA-S - Male	below standard	below optimal	optimal	above optimal	above standard
300.00 mcg/dl	20.00 - 50.00	50.00 - 350.00	350.00 - 690.00	690.00 - 690.00	690.00 - 850.00

Cortisol - AM	below standard	below optimal	optimal	above optimal	above standard
11.00 μg/dL	2.90 - 4.00	4.00 - 10.00	10.00 - 15.00	15.00 - 22.00	22.00 - 28.50
CBC/Hematology					
Hemoglobin - Male 14.00 g/dl	<b>below standard</b> 10.00 - 13.20	below optimal 13.20 - 14.00	<b>optimal</b> 14.00 - 15.00	<b>above optimal</b> 15.00 - 17.10	<b>above standard</b> 17.10 - 18.00
Hematocrit - Male 45.00 %	<b>below standard</b> 32.00 - 38.50	below optimal 38.50 - 40.00	<b>optimal</b> 40.00 - 48.00	<b>above optimal</b> 48.00 - 50.00	<b>above standard</b> 50.00 - 52.00
MCH 32.00 pg	<b>below standard</b> 24.00 - 27.00	<b>below optimal</b> 27.00 - 28.00	<b>optimal</b> 28.00 - 31.90	above optimal 31.90 - 33.00	<b>above standard</b> 33.00 - 34.00
Platelets 250.00 10E3/µL	below standard 140.00 - 140.00	below optimal 140.00 - 155.00	optimal 155.00 - 385.00	<b>above optimal</b> 385.00 - 400.00	<b>above standard</b> 400.00 - 500.00
White Blood Cells Total WBCs					
7.50 k/cumm	below standard 2.50 - 3.80	below optimal 3.80 - 5.50	<b>optimal</b> 5.50 - 7.50	<b>above optimal</b> 7.50 - 10.80	<b>above standard</b> 10.80 - 15.00
Basophils - Absolute 0.10 k/cumm	below standard 0.00 - 0.00	below optimal 0.00 - 0.00	<b>optimal</b> 0.00 - 0.10	<b>above optimal</b> 0.10 - 0.20	above standard 0.20 - 0.80
Neutrophils - Absolute 1.90 k/cumm	below standard 0.25 - 1.50	below optimal 1.50 - 1.90	optimal 1.90 - 4.20	<b>above optimal</b> 4.20 - 7.80	<b>above standard</b> 7.80 - 10.00
Eosinophils - Absolute  0.30 k/cumm	below standard	below optimal 0.00 - 0.00	<b>optimal</b> 0.00 - 0.30	<b>above optimal</b> 0.30 - 0.50	above standard 0.50 - 1.00

## **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.



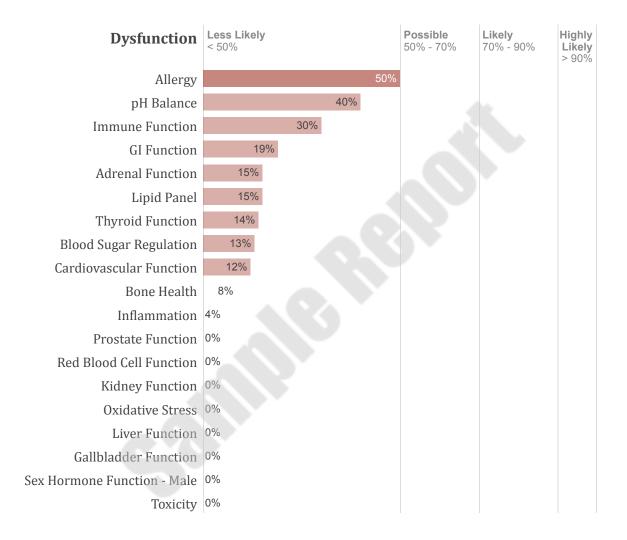
	Current		110	
Biomarker	Apr 05 2021	Optimal Range	Standard Range	Units
Cholesterol - Total	175.00	160.00 - 180.00	125.00 - 200.00	mg/dL
Non-HDL Cholesterol	120.00	0.00 - 130.00	0.00 - 130.00	mg/dl
LDL Cholesterol	90.00	80.00 - 100.00	0.00 - 100.00	mg/dL
VLDL Cholesterol	25.00	0.00 - 10.00	0.00 - 29.00	mg/dl
Triglycerides	70.00	70.00 - 80.00	0.00 - 150.00	mg/dL
HDL Cholesterol	70.00	55.00 - 70.00	46.00 - 100.00	mg/dL
Cholesterol: HDL	2.00	0.00 - 3.00	0.00 - 5.00	Ratio
Triglyceride:HDL	2.00	0.50 - 1.90	0.00 - 2.00	ratio
Apolipoprotein A-1	130.00	115.00 - 176.00	94.00 - 176.00	mg/dl
Apolipoprotein B	80.00	52.00 - 80.00	52.00 - 119.00	mg/dl
Lipoprotein (a)	35.00 ↑	0.00 - 18.00	0.00 - 75.00	nmol/L
Hs CRP - Male	0.50	0.00 - 0.55	0.00 - 2.90	mg/L
ALT	15.00	10.00 - 26.00	6.00 - 29.00	IU/L
AST	12.00	10.00 - 26.00	10.00 - 35.00	IU/L
GGT	15.00	10.00 - 30.00	3.00 - 70.00	IU/L
Alk Phos	70.00	70.00 - 100.00	35.00 - 115.00	IU/L
Albumin : Globulin	2.00	1.40 - 2.10	1.00 - 2.50	ratio
Hemoglobin - Male	14.00	14.00 - 15.00	13.20 - 17.10	g/dl
Hematocrit - Male	45.00	40.00 - 48.00	38.50 - 50.00	%
MCH	32.00	28.00 - 31.90	27.00 - 33.00	pg
Total WBCs	7.50	5.50 - 7.50	3.80 - 10.80	k/cumm
Basophils - Absolute	0.10	0.00 - 0.10	0.00 - 0.20	k/cumm
Neutrophils - Absolute	1.90	1.90 - 4.20	1.50 - 7.80	k/cumm
Eosinophils - Absolute	0.30	0.00 - 0.30	0.00 - 0.50	k/cumm
Platelets	250.00	155.00 - 385.00	140.00 - 400.00	10E3/μL
Uric Acid - Male	5.00	3.50 - 5.90	3.45 - 8.00	mg/dL
Hemoglobin A1C	5.20	4.60 - 5.50	0.00 - 5.70	%
Glucose - Fasting	75.00	75.00 - 86.00	65.00 - 99.00	mg/dL
Insulin - Fasting	5.00	2.00 - 5.00	2.00 - 19.00	μIU/ml
TSH	1.50	1.30 - 3.00	0.40 - 4.50	μU/mL

Biomarker	Current Apr 05 2021	Optimal Range	Standard Range	Units
T3 - Free	3.50	3.00 - 3.50	2.30 - 4.20	pg/ml
T4 - Free	1.60	1.00 - 1.50	0.80 - 1.80	ng/dL
Thyroid Peroxidase (TPO) Abs	1.00	0.00 - 6.80	0.00 - 9.00	IU/ml
Thyroglobulin Abs	1.00	0.00 - 1.00	0.00 - 1.00	IU/ml
Testosterone Free - Male	250.00 ↑↑	150.00 - 224.00	46.00 - 224.00	pg/ml
Testosterone Total - Male	1000.00 ↑	700.00 - 900.00	250.00 - 1100.00	ng/dl
DHEA-S - Male	300.00 ↓	350.00 - 690.00	50.00 - 690.00	mcg/dl
Leptin - Male	5.00	1.20 - 9.50	0.30 - 13.40	ng/ml
Cortisol - AM	11.00	10.00 - 15.00	4.00 - 22.00	μg/dL
Vitamin D (25-OH)	50.00	50.00 - 90.00	30.00 - 100.00	ng/ml
Zinc - Serum	90.00	80.00 - 100.00	60.00 - 130.00	mcg/dL
Vitamin B12	400.00 ↓	450.00 - 800.00	200.00 - 1100.00	pg/ml
Magnesium - Serum	2.20	2.20 - 2.50	1.50 - 2.50	mg/dl
Iron - Serum	85.00	85.00 - 130.00	40.00 - 190.00	μg/dL
TIBC	250.00	250.00 - 350.00	250.00 - 425.00	μg/dL
Calcium	10.00	9.20 - 10.00	8.60 - 10.40	mg/dL
Folate - Serum	20.00	15.00 - 25.00	5.50 - 27.00	ng/ml
Copper - Serum	75.00	70.00 - 175.00	70.00 - 175.00	μg/dL
PSA - Total	2.00	0.00 - 2.50	0.00 - 4.00	ng/ml
Creatinine	1.00	0.80 - 1.10	0.40 - 1.50	mg/dL
BUN	15.00	10.00 - 16.00	7.00 - 25.00	mg/dL
BUN : Creatinine	15.00	10.00 - 16.00	6.00 - 22.00	Ratio
Sodium	135.00	135.00 - 142.00	135.00 - 146.00	mEq/L
Potassium	4.00	4.00 - 4.50	3.50 - 5.30	mEq/L
Chloride	100.00	100.00 - 106.00	98.00 - 110.00	mEq/L
CO2	25.00	25.00 - 30.00	19.00 - 30.00	mEq/L
Homocysteine	7.00	5.00 - 7.20	0.00 - 10.30	µmol/L

## **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.



#### **Allergy**

The Allergy score reflects the degree of food or environmental sensitivities/allergies you may be dealing with. A number of biomarkers on a blood test may increase in association with food allergies and/or sensitivities. A high Allergy score may indicate the need for further assessment or evaluation of food or environmental sensitivities/allergies.

[ 50% ] - Dysfunction Possible. There may be improvement needed in certain areas.

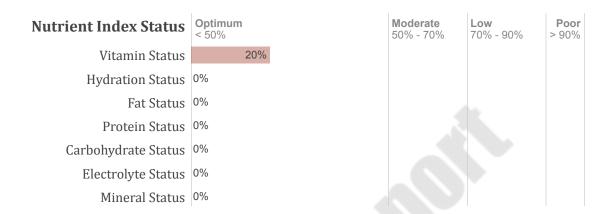
#### Rationale:

Eosinophils - % 1, Basophils - % 1

## **Nutrient Status Report**

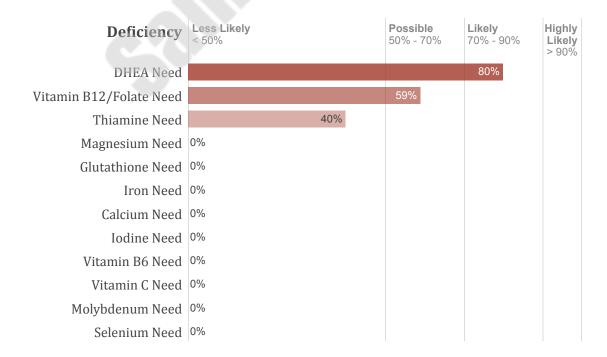


The results shown below represent an analysis of your blood test results. These results have been converted into their individual Nutrient Status Report based on our latest research. This report gives you an indication of your general nutritional status. Nutritional status is influenced by actual dietary 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.



#### **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.



#### **DHEA Need**

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

#### [80%] - Dysfunction Likely. Improvement required.

#### Rationale:

DHEA-S - Male ↓

#### Vitamin B12/Folate Need

The results of your blood test indicate that your Vitamin B12 and Folate levels might be lower than optimal.

[ 59% ] - Dysfunction Possible. There may be improvement needed in certain areas.

#### **Rationale:**

MCH ↑, Neutrophils - % ↓, Vitamin B12 ↓

## **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.

#### There are no results available for this report.

This Health Improvement Plan has been prepared for **Sample Report Executive Screening Profile** 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.

<sup>\*</sup> 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.

#### **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.



#### DHEA Need

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

#### **Rationale:**

DHEA-S - Male ↓

#### Vitamin B12/Folate Need

The results of your blood test indicate that your vitamin B12/folate levels might be lower than optimal and shows a need for vitamin B12/folate supplementation.

#### Rationale:

MCH ↑, Neutrophils - % ↓, Vitamin B12 ↓

\* 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.

This Health Improvement Plan has been prepared for **Sample Report Executive Screening Profile** 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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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.



