



Patient

HRH Prince Abdulla Bin Turki Al
Saud
Male - 39 Years
1064759648

Order

Reservation ID: 4321639
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 01/25/26 19:59

Collected At 01/25/26 19:59

Reported At 01/26/26 12:49

Clinical Chemistry

Glucose - Fasting

85.51 mg/dL

Reference Range :

mg/dL

Normal: 70 - 100

Prediabetes: 101 - 125

Diabetes: ≥ 126

Comment :

Method: Spectrophotometry (SP)

Sample Type: Fluoride Plasma /
Serum

Hemoglobin A1C (Glycated Hb,HbA1C)

5.48 %

Reference Range :

● Normal

● Prediabetes

● Diabetes

< 5.7

5.7 - 6.4

≥ 6.5

Comment :

Method: Turbidimetric Immunoinhibition

Sample Type: EDTA Whole Blood



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Validated By:

Approved By:

Sandra Hadad

Dr. Marwa

Dr. Marwa Abdelrazek
Clinical pathologist





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Blood Urea Nitrogen (BUN)

14 mg/dL

Reference Range :

8 - 20

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Creatinine - Serum

0.67 mg/dL

Reference Range :

0.72 - 1.18

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Uric Acid - Serum

7.5 mg/dL

Reference Range :

3.5 - 7.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Sodium (Na)

136.93 mmol/L

Reference Range :

136 - 146

Comment :

Method: Ion-selective electrodes (ISE) - crown ether
membrane

Sample Type: Serum

Potassium (K)

4.16 mmol/L

Reference Range :

3.5 - 5.1

Comment :

Method: Ion-selective electrodes (ISE) - Crown ether
membrane

Sample Type: Serum

Ferritin

193.8 ng/mL

Reference Range :

23.9 - 336.2

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





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Calcium (Ca) - Total

9.35 mg/dL

Reference Range :

8.8 - 10.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Phosphorus (P)

3.82 mg/dL

Reference Range :

2.5 - 4.5

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Zinc

122.4 µg/dL

Reference Range :

60 - 120

Comment :

Method: Spectrophotometry
(SP)

Sample Type: Serum





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Cholesterol - Total

136.12 mg/dL

Reference Range :

- Desirable ≤ 200
- Borderline 200 - 240
- High ≥ 240

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum

High Density Lipoprotein (HDL)

48.79 mg/dL

Reference Range :

- Risk Indicator < 40
- Standard Risk 40 - 60
- Favorable Prognosis > 60

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum

Low Density Lipoprotein (LDL)

62 mg/dL

Reference Range :

- Optimal <100
- Near Optimal 100 - 129
- Borderline 130 - 159
- High 160 - 189
- Requiring treatment ≥ 190





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Triglycerides

126.3 mg/dL

Reference Range :

- Normal
- Borderline
- High
- Very High

< 150
150 - 199
200 - 499
≥ 500

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Alanine Aminotransferase (ALT)

20.36 U/L

Reference Range :

< 50

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Aspartate Amino Transferase (AST)

31.4 U/L

Reference Range :

< 50

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Total Protein - Serum

6.49 g/dL

Reference Range :

6.6 - 8.3

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Albumin - Serum

3.85 g/dL

Reference Range :

3.5 - 5.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Bilirubin - Total

0.3 mg/dL

Reference Range :

0.3 - 1.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Bilirubin - Direct

0.03 mg/dL

Reference Range :

≤ 0.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Seurm

Alkaline Phosphatase (ALP)

54.74 U/L

Reference Range :

30 - 120

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Gamma-Glutamyl-Transpeptidase (GGT)

18.67 U/L

Reference Range :

0 - 55

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Thyroid Stimulating Hormone (TSH)

1.39 μ U/mL

Reference Range :

0.34 - 5.6

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Thyroxine - Free (FT4)

0.98 ng/dL

Reference Range :

0.61 - 1.12

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample type: serum

Vitamin D (25 OH Vit D Total)

36.6 ng/mL

Reference Range :

- Deficiency
- Sufficient
- Excessive

< 30

30 - 100

> 100

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





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Vitamin B12 (Cyanocobalamine)

369 pg/mL

Reference Range :

192 - 827

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





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Clinical Chemistry

Magnesium (Mg)

1.67 mg/dL

Reference Range :

1.8 - 2.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum



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Test Results

Erythrocyte Sedimentation Rate (ESR)

15 mm/h

Reference Range :

≤ 15

Comment :

Method: Westergren method

Sample Type: Whole Blood



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Blood Tests

Complete Blood Count (CBC)

Test Name	Result	Normal Range	Units
WBCs	7.38	4 - 11	$10^3/uL$
Red blood cell (RBC) count	5.12	4.5 - 5.5	$\times 10^6/uL$
Hemoglobin	15.8	13 - 18	g/dL
Hematocrit (HCT)	46.3	40 - 50	%
MCV	90.3	83 - 101	fL
MCH	30.8	27 - 32	pg
MCHC	34.1	31.5 - 34.5	g/dL
RDW-CV	13.0	11.6 - 14	%
Platelets	238	150 - 450	$10^3/uL$

Differential count	Result	Normal Range	Units
Neutrophils%	67.1	35 - 75	%
Lymphocytes%	22.3	20 - 45	%
Monocytes%	8.7	2 - 8	%
Eosinophils%	1.6	1 - 6	%
Basophils%	0.3	0 - 1	%
Neutrophils#	4.95	2 - 7	$10^3/uL$
Lymphocytes#	1.65	1 - 3.5	$10^3/uL$
Monocytes#	0.64	0.2 - 1	$10^3/uL$
Eosinophils#	0.12	0.02 - 0.5	$10^3/uL$
Basophils#	0.02	0.01 - 0.1	$10^3/uL$

Method: ERBA Principle CBC

Sample type: EDTA Whole Blood



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