



Patient

Doha Alqahtani i
Female - 47 Years
1011565491

Order

Reservation ID: 4211785
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 12/22/25 11:02

Collected At 12/22/25 18:40

Reported At 12/22/25 22:33

Clinical Chemistry

Glucose - Fasting

87.9 mg/dL

Reference Range :

mg/dL

Normal: 70 - 100

Prediabetes: 101 - 125

Diabetes: ≥ 126

Comment :

Method: Spectrophotometry (SP)

Sample Type: Fluoride Plasma /
Serum

Total Iron Binding Capacity (TIBC)

186 ug/dl

Reference Range :

155 - 355



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سعودية

Approved By:

Dr. Hala Salah

Dr. Hala Salah
Clinical pathologist





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Troponin I - Quantitative

0.006 ng/mL

Reference Range :

≤ 0.04

Comment :

Method: Chemiluminescent Immunoassay (CLIA)

Sample Type: Serum

Any Condition Resulting in myocardial injury can potentially increase cardiac troponin I levels. Troponin I results should be used in conjunction with ECG, clinical observations and symptoms. A single Troponin I result may not be sufficient to evaluate myocardial infraction (MI). Serial blood draws are recommended for evaluation of Acute Cornary Syndrome (ACS) patients.

Creatine Kinase Isoenzyme MB (CK-MB)

8.69 U/L

Reference Range :

< 24

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum



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Hemoglobin A1C (Glycated Hb,HbA1C)

4.83 %

Reference Range :

- Normal
- Prediabetes
- Diabetes

< 5.7
5.7 - 6.4
≥ 6.5

Comment :

Method: Turbidimetric Immunoinhibition

Sample Type: EDTA Whole Blood

Blood Urea Nitrogen (BUN)

9 mg/dL

Reference Range :

8 - 20

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Creatinine - Serum

0.79 mg/dL

Reference Range :

0.55 - 1.02

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Uric Acid - Serum

3.07 mg/dL

Reference Range :

2.6 - 6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Sodium (Na)

138.66 mmol/L

Reference Range :

136 - 146

Comment :

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

Sample Type: Serum

Potassium (K)

4.45 mmol/L

Reference Range :

3.5 - 5.1

Comment :

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

Sample Type: Serum





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Ferritin

65.7 ng/mL

Reference Range :

11 - 306.8

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Calcium (Ca) - Total

8.93 mg/dL

Reference Range :

8.8 - 10.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Phosphorus (P)

3.85 mg/dL

Reference Range :

2.5 - 4.5

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Zinc

68.8 µg/dL

Reference Range :

60 - 120

Comment :

Method: Spectrophotometry
(SP)

Sample Type: Serum

C-Reactive Protein (CRP), Quantitative

1.25 mg/L

Reference Range :

< 5

Comment :

Method: Latex Particle Immunoturbidimetric
Sample Type: Serum

Cholesterol - Total

124.62 mg/dL

Reference Range :

● Desirable

● Borderline

● High

≤ 200

200 - 240

≥ 240

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum





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High Density Lipoprotein (HDL)

39.1 mg/dL

Reference Range :

- Risk Indicator
- Standard Risk
- Favorable Prognosis

< 40
40 - 60
> 60

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum

Low Density Lipoprotein (LDL)

66 mg/dL

Reference Range :

- Optimal
- Near Optimal
- Borderline
- High
- Requiring treatment

<100
100 - 129
130 - 159
160 - 189
≥ 190

Creatine Kinase (CK - Total)

62.4 U/L

Reference Range :

39 - 308

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum





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Triglycerides

96.92 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)

17.82 U/L

Reference Range :

< 35

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Aspartate Amino Transferase (AST)

25.36 U/L

Reference Range :

< 35

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Total Protein - Serum

6.41 g/dL

Reference Range :

6.6 - 8.3

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Albumin - Serum

3.63 g/dL

Reference Range :

3.5 - 5.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Bilirubin - Total

0.56 mg/dL

Reference Range :

0.3 - 1.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Bilirubin - Direct

0.12 mg/dL

Reference Range :

≤ 0.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Seurm

Alkaline Phosphatase (ALP)

35.7 U/L

Reference Range :

30 - 120

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Gamma-Glutamyl-Transpeptidase (GGT)

14.94 U/L

Reference Range :

0 - 38

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum



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Lactate Dehydrogenase (LDH)

147.46 U/L

Reference Range :

0 - 248

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Thyroid Stimulating Hormone (TSH)

2.48 μ U/mL

Reference Range :

0.34 - 5.6

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Vitamin D (25 OH Vit D Total)

53.61 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)

383 pg/mL

Reference Range :

192 - 827

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Vitamin B9 (Folic acid)

> 24 ng/mL

Reference Range :

- Deficient
- Intermediate
- Normal

≤ 3.21

3.21 - 5.21

≥ 5.21

Comment :

Method: Chemiluminescence

Sample Type: Serum





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Clinical Chemistry

Iron (Fe)

64.04 µg/dL

Reference Range :

60 - 180

Comment :

Method: Spectrophotometry (SP)

Sample Type: Seurm

N-terminal pro B-type NP (NT Pro BNP)

71.3 pg/mL

Reference Range :

≤ 264





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Clinical Chemistry

Magnesium (Mg)

2.08 mg/dL

Reference Range :

1.9 - 2.5

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Test Results

Erythrocyte Sedimentation Rate (ESR)

10 mm/h

Reference Range :

≤ 20

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	6.65	4 - 11	$10^3/uL$
Red blood cell (RBC) count	4.17	3.8 - 4.8	$\times 10^6/uL$
Hemoglobin	13.2	12 - 16	g/dL
Hematocrit (HCT)	39.3	36 - 46	%
MCV	94.3	83 - 101	fl
MCH	31.7	27 - 32	pg
MCHC	33.6	31.5 - 34.5	g/dL
RDW-CV	12.9	11.6 - 14	%
Platelets	248	150 - 450	$10^3/uL$

Differential count	Result	Normal Range	Units
Neutrophils%	45.2	35 - 75	%
Lymphocytes%	43.4	20 - 45	%
Monocytes%	7.3	2 - 8	%
Eosinophils%	3.9	1 - 6	%
Basophils%	0.2	0 - 1	%
Neutrophils#	3.01	2 - 7	$10^3/uL$
Lymphocytes#	2.89	1 - 3.5	$10^3/uL$
Monocytes#	0.49	0.2 - 1	$10^3/uL$
Eosinophils#	0.26	0.02 - 0.5	$10^3/uL$
Basophils#	0.01	0.01 - 0.1	$10^3/uL$

Method: Erba Principle CBC

Sample type: EDTA Whole Blood



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Reported At 12/23/25 13:57

Kidney Function

Urine Analysis

Test Name	Result	Normal Range	Units
Physical Examination:			
Color	Light Yellow	Pale to yellow	--
Aspect	Slightly Cloudy	Clear	--
Chemical Examination:			
Specific Gravity	1.010	1.005 - 1.030	--
PH	6 (Acidic)	5.0 - 9.5	--
Leukocyte	Negative	Negative	--
Nitrites	Negative	Negative	--
Protein	Negative	Negative	--
Glucose	Negative	Negative	--
Ketones	Negative	Negative	--
Urobilinogen	Normal	Normal	--
Bilirubin	Negative	Negative	--
Blood	+4	Negative	--
Microscopic Examination:			
Pus Cells	1-2	0-5	H.P.F
RBC'S	50-60	0-5	H.P.F
Epithelial	Few	Nil	--
Cast	Nil	Nil	--
Crystals	Nil	Nil	--
Amorphous materials	Nil	--	--
Others	Bacteria - Few, Mucous Threads - Few	--	--

Method: Reagent Impregnated Strips/ Microscopic Examination

Sample Type: urine Sample

