



Patient

Aysun Berberoglu Yagmur
Female - 39 Years
U33782702

Order

Reservation ID: 3836212
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 09/06/25 10:21

Collected At 09/06/25 10:21

Reported At 09/06/25 19:53

Clinical Chemistry

Glucose - Fasting

79.87 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)

4.95 %

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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Approved By:

Dr. Marwa
Dr. Marwa Abdelrazek
Clinical pathologist





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Blood Urea Nitrogen (BUN)

7 mg/dL

Reference Range :

8 - 20

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Creatinine - Serum

0.65 mg/dL

Reference Range :

0.55 - 1.02

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Uric Acid - Serum

2.92 mg/dL

Reference Range :

2.6 - 6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Sodium (Na)

140.32 mmol/L

Reference Range :

136 - 146

Comment :

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

Sample Type: Serum

Potassium (K)

3.82 mmol/L

Reference Range :

3.5 - 5.1

Comment :

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

Sample Type: Serum

Ferritin

24.4 ng/mL

Reference Range :

11 - 306.8

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





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Calcium (Ca) - Total

8.7 mg/dL

Reference Range :

8.8 - 10.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Phosphorus (P)

3.69 mg/dL

Reference Range :

2.5 - 4.5

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Zinc

116.6 µg/dL

Reference Range :

60 - 120

Comment :

Method: Spectrophotometry
(SP)

Sample Type: Serum





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Hepatitis B Surface (HBs) Ag

0.28 S/CO

N

Reference Range :

- Nonreactive
- Reactive

< 1
≥ 1

Comment :

Method: Chemiluminescent immunoassay
Sample Type: Serum

Hepatitis C Virus (HCV) Abs

0.03 AU/mL

N

Reference Range :

- Non-Reactive
- Reactive

< 1
≥ 1

Comment :

Method: chemiluminescent immunoassay
Sample type: Serum

C-Reactive Protein (CRP), Quantitative

1.55 mg/L

Reference Range :

< 5

Comment :

Method: Latex Particle Immunoturbidimetric
Sample Type: Serum





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Cholesterol - Total

196.28 mg/dL

Reference Range :

- Desirable
- Borderline
- High

≤ 200
200 - 240
≥ 240

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum

High Density Lipoprotein (HDL)

76.33 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)

109 mg/dL

Reference Range :

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

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





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Triglycerides

56.38 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)

13.03 U/L

Reference Range :

< 35

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum

Aspartate Amino Transferase (AST)

15.98 U/L

Reference Range :

< 35

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

4.08 g/dL

Reference Range :

3.5 - 5.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Bilirubin - Total

1.26 mg/dL

Reference Range :

0.3 - 1.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Bilirubin - Direct

0.17 mg/dL

Reference Range :

≤ 0.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Seurm

Alkaline Phosphatase (ALP)

51.64 U/L

Reference Range :

30 - 120

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Gamma-Glutamyl-Transpeptidase (GGT)

10.3 U/L

Reference Range :

0 - 38

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Thyroid Stimulating Hormone (TSH)

1.83 μ U/mL

Reference Range :

0.34 - 5.6

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Vitamin D (25 OH Vit D Total)

28.81 ng/mL

Reference Range :

- Deficiency
- Sufficient
- Excessive

< 30

30 - 100

> 100

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Vitamin B12 (Cyanocobalamine)

189 pg/mL

Reference Range :

192 - 827

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





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Clinical Chemistry

Magnesium (Mg)

2.12 mg/dL

Reference Range :

1.9 - 2.5

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Collected At 09/06/25 13:17

Reported At 09/06/25 19:53

Clinical Chemistry

Hepatitis A Virus (HAV) Ab-IgM

0.06 COI

N

Reference Range :

COI

<1.00: Nonreactive

≥ 1.00: Reactive

Comment :

Method: Chemiluminescent immunoassay

Sample Type: Serum



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Test Results

Erythrocyte Sedimentation Rate (ESR)

3 mm/h

Reference Range :

≤ 20

Comment :

Method: Westergren method

Sample Type: Whole Blood





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Reported At 09/06/25 14:18

Blood Tests

Complete Blood Count (CBC)

Test Name	Result	Normal Range	Units
WBCs	8.16	4 - 11	$10^3/\mu\text{L}$
Red blood cell (RBC) count	4.25	3.8 - 4.8	$\times 10^6/\mu\text{L}$
Hemoglobin	14.03	12 - 16	g/dL
Hematocrit (HCT)	37.4	36 - 46	%
MCV	88.1	83 - 101	fL
MCH	33.0	27 - 32	pg
MCHC	37.5	31.5 - 34.5	g/dL
RDW-CV	13.0	11.6 - 14	%
Platelets	211.1	150 - 450	$10^3/\mu\text{L}$

Differential count	Result	Normal Range	Units
Neutrophils%	69.46	35 - 75	%
Lymphocytes%	17.05	20 - 45	%
Monocytes%	6.82	2 - 8	%
Eosinophils%	6.03	1 - 6	%
Basophils%	0.64	0 - 1	%
Neutrophils#	5.67	2 - 7	$10^3/\mu\text{L}$
Lymphocytes#	1.39	1 - 3.5	$10^3/\mu\text{L}$
Monocytes#	0.56	0.2 - 1	$10^3/\mu\text{L}$
Eosinophils#	0.49	0.02 - 0.5	$10^3/\mu\text{L}$
Basophils#	0.05	0.01 - 0.1	$10^3/\mu\text{L}$

Method: Coulter Principle and Flow cytometric optical measurement

Sample type: EDTA Whole Blood



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Kidney Function

Urine Analysis

Test Name	Result	Normal Range	Units
Physical Examination:			
Color	Yellow	Pale to yellow	--
Aspect	Slightly Cloudy	Clear	--
Chemical Examination:			
Specific Gravity	1.020	1.005 - 1.030	--
PH	5.5 (Acidic)	5.0 - 9.5	--
Leukocyte	+1	Negative	--
Nitrites	Negative	Negative	--
Protein	Negative	Negative	--
Glucose	Negative	Negative	--
Ketones	+1	Negative	--
Urobilinogen	Normal	Normal	--
Bilirubin	Negative	Negative	--
Blood	Negative	Negative	--
Microscopic Examination:			
Pus Cells	3-5	0-5	H.P.F
RBC'S	1-2	0-5	H.P.F
Epithelial	Many	Nil	--
Cast	Nil	Nil	--
Crystals	Few	Nil	--
Amorphous materials	Nil	--	--
Others	Bacteria - Moderate, Mucous Threads - Many	--	--

Method: Reagent Impregnated Strips/ Microscopic Examination

Sample Type: urine Sample

