



Patient

Aras Yagmur
Male - 40 Years
2453364800

Order

Reservation ID: 3836241
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 09/06/25 10:26

Collected At 09/06/25 10:26

Reported At 09/06/25 17:24

Clinical Chemistry

Glucose - Fasting

79.58 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)

5.57 %

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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تقنية
سعودية

Approved By:

Dr. Marwa

Dr. Marwa Abdelrazek
Clinical pathologist





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Blood Urea Nitrogen (BUN)

18 mg/dL

Reference Range :

8 - 20

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Creatinine - Serum

0.72 mg/dL

Reference Range :

0.72 - 1.18

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Uric Acid - Serum

6.11 mg/dL

Reference Range :

3.5 - 7.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Sodium (Na)

139.39 mmol/L

Reference Range :

136 - 146

Comment :

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

Sample Type: Serum

Potassium (K)

3.96 mmol/L

Reference Range :

3.5 - 5.1

Comment :

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

Sample Type: Serum

Ferritin

223.4 ng/mL

Reference Range :

23.9 - 336.2

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





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Calcium (Ca) - Total

9.51 mg/dL

Reference Range :

8.8 - 10.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Phosphorus (P)

3.6 mg/dL

Reference Range :

2.5 - 4.5

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Zinc

118.3 µg/dL

Reference Range :

60 - 120

Comment :

Method: Spectrophotometry
(SP)

Sample Type: Serum





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Hepatitis B Surface (HBs) Ag

0.33 S/CO

N

Reference Range :

- Nonreactive
- Reactive

< 1
≥ 1

Comment :

Method: Chemiluminescent immunoassay
Sample Type: Serum

Hepatitis C Virus (HCV) Abs

0.04 AU/mL

N

Reference Range :

- Non-Reactive
- Reactive

< 1
≥ 1

Comment :

Method: chemiluminescent immunoassay
Sample type: Serum

C-Reactive Protein (CRP), Quantitative

5.49 mg/L

Reference Range :

< 5

Comment :

Method: Latex Particle Immunoturbidimetric
Sample Type: Serum





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Cholesterol - Total

210.79 mg/dL

Reference Range :

● Desirable

● Borderline

● High

≤ 200

200 - 240

≥ 240

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

High Density Lipoprotein (HDL)

48.75 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)

139 mg/dL

Reference Range :

● Optimal

● Near Optimal

● Borderline

● High

● Requiring treatment

<100

100 - 129

130 - 159

160 - 189

≥ 190





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Triglycerides

112.8 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)

22.93 U/L

Reference Range :

< 50

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum

Aspartate Amino Transferase (AST)

18.14 U/L

Reference Range :

< 50

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum





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Total Protein - Serum

7.75 g/dL

Reference Range :

6.6 - 8.3

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Albumin - Serum

4.63 g/dL

Reference Range :

3.5 - 5.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Bilirubin - Total

0.53 mg/dL

Reference Range :

0.3 - 1.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Bilirubin - Direct

0.08 mg/dL

Reference Range :

≤ 0.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Seurm

Alkaline Phosphatase (ALP)

67.34 U/L

Reference Range :

30 - 120

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Gamma-Glutamyl-Transpeptidase (GGT)

15.79 U/L

Reference Range :

0 - 55

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





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Thyroid Stimulating Hormone (TSH)

1.19 μ U/mL

Reference Range :

0.34 - 5.6

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Vitamin D (25 OH Vit D Total)

21.04 ng/mL

Reference Range :

- Deficiency
- Sufficient
- Excessive

< 30

30 - 100

> 100

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Vitamin B12 (Cyanocobalamine)

201 pg/mL

Reference Range :

192 - 827

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





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Clinical Chemistry

Magnesium (Mg)

2.13 mg/dL

Reference Range :

1.8 - 2.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum



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Clinical Chemistry

Hepatitis A Virus (HAV) Ab-IgM

0.06 COI

N

Reference Range :

- Nonreactive
- Reactive

< 1

≥ 1

Comment :

Method: Chemiluminescent immunoassay

Sample Type: Serum





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Reported At 09/07/25 10:31

Test Results

Erythrocyte Sedimentation Rate (ESR)

5 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	7.22	4 - 11	$10^3/\mu\text{L}$
Red blood cell (RBC) count	5.19	4.5 - 5.5	$\times 10^6/\mu\text{L}$
Hemoglobin	18.0	13 - 18	g/dL
Hematocrit (HCT)	47.0	40 - 50	%
MCV	90.6	83 - 101	fL
MCH	34.7	27 - 32	pg
MCHC	38.3	31.5 - 34.5	g/dL
RDW-CV	12.5	11.6 - 14	%
Platelets	234.2	150 - 450	$10^3/\mu\text{L}$

Differential count	Result	Normal Range	Units
Neutrophils%	44.95	35 - 75	%
Lymphocytes%	43.73	20 - 45	%
Monocytes%	7.71	2 - 8	%
Eosinophils%	3.31	1 - 6	%
Basophils%	0.30	0 - 1	%
Neutrophils#	3.25	2 - 7	$10^3/\mu\text{L}$
Lymphocytes#	3.16	1 - 3.5	$10^3/\mu\text{L}$
Monocytes#	0.56	0.2 - 1	$10^3/\mu\text{L}$
Eosinophils#	0.24	0.02 - 0.5	$10^3/\mu\text{L}$
Basophils#	0.02	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	1.025	1.005 - 1.030	--
PH	5 (Acidic)	5.0 - 9.5	--
Leukocyte	+1	Negative	--
Nitrites	Negative	Negative	--
Protein	Negative	Negative	--
Glucose	Negative	Negative	--
Ketones	Negative	Negative	--
Urobilinogen	Normal	Normal	--
Bilirubin	Negative	Negative	--
Blood	Trace	Negative	--
Microscopic Examination:			
Pus Cells	5-7	0-5	H.P.F
RBC'S	3-5	0-5	H.P.F
Epithelial	Few	Nil	--
Cast	Nil	Nil	--
Crystals	Nil	Nil	--
Amorphous materials	Nil	--	--
Others	Bacteria - Few, Mucous Threads - Many	--	--

Method: Reagent Impregnated Strips/ Microscopic Examination

Sample Type: urine Sample

