



Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/24/25 14:01

Collected At 08/24/25 14:01

Reported At 08/25/25 16:12

Clinical Chemistry

Glucose - Fasting

96.6 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)

5.54 %

Reference Range :

● Normal

● Prediabetes

● Diabetes

< 5.7

5.7 - 6.4

≥ 6.5

Comment :

Method: Turbidimetric Immunoinhibition

Sample Type: EDTA Whole Blood



مختبرات الخلية المتقدمة
Advanced Cell Laboratories

+966 920013146

www.acl.com.sa

info@acl.com.sa



Approved By:

H. W. Al-Soud

Consultant clinical pathology





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Blood Urea Nitrogen (BUN)

15 mg/dL

Reference Range :

8 - 20

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Creatinine - Serum

0.84 mg/dL

Reference Range :

0.72 - 1.18

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Uric Acid - Serum

6.91 mg/dL

Reference Range :

3.5 - 7.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Sodium (Na)

137.3 mmol/L

Reference Range :

136 - 146

Comment :

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

Sample Type: Serum

Potassium (K)

4.3 mmol/L

Reference Range :

3.5 - 5.1

Comment :

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

Sample Type: Serum

Ferritin

132.8 ng/mL

Reference Range :

23.9 - 336.2

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Calcium (Ca) - Total

9.87 mg/dL

Reference Range :

8.8 - 10.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Phosphorus (P)

4.92 mg/dL

Reference Range :

2.5 - 4.5

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Zinc

121.9 µg/dL

Reference Range :

60 - 120

Comment :

Method: Spectrophotometry
(SP)

Sample Type: Serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

C-Reactive Protein (CRP), Quantitative

1.42 mg/L

Reference Range :

< 5

Comment :

Method: Latex Particle Immunoturbidimetric

Sample Type: Serum

Cholesterol - Total

165.97 mg/dL

Reference Range :

● Desirable

≤ 200

● Borderline

200 - 240

● High

≥ 240

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

High Density Lipoprotein (HDL)

61.14 mg/dL

Reference Range :

● Risk Indicator

< 40

● Standard Risk

40 - 60

● Favorable Prognosis

> 60

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Low Density Lipoprotein (LDL)

79 mg/dL

Reference Range :

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

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

Triglycerides

127.98 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)

25.83 U/L

Reference Range :

< 50

Comment :

Method: Spectrophotometry (SP)
Sample Type: Serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Aspartate Amino Transferase (AST)

36.87 U/L

Reference Range :

< 50

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Total Protein - Serum

7.15 g/dL

Reference Range :

6.6 - 8.3

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Albumin - Serum

4.02 g/dL

Reference Range :

3.5 - 5.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Bilirubin - Total

0.52 mg/dL

Reference Range :

0.3 - 1.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Bilirubin - Direct

0.09 mg/dL

Reference Range :

≤ 0.2

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Alkaline Phosphatase (ALP)

38.2 U/L

Reference Range :

30 - 120

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Gamma-Glutamyl-Transpeptidase (GGT)

44.22 U/L

Reference Range :

0 - 55

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum

Thyroid Stimulating Hormone (TSH)

1.66 μ U/mL

Reference Range :

0.34 - 5.6

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Triiodothyronine - Free (FT3)

3.46 pg/mL

Reference Range :

2.5 - 3.9

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: Serum





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Thyroxine - Free (FT4)

1.1 ng/dL

Reference Range :

0.61 - 1.12

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample type: serum

Vitamin D (25 OH Vit D Total)

46.7 ng/mL

Reference Range :

- Deficiency
- Sufficient
- Excessive

< 30
30 - 100
> 100

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum

Vitamin B12 (Cyanocobalamine)

586 pg/mL

Reference Range :

192 - 827

Comment :

Method: Chemiluminescent immunoassay (CLIA)

Sample Type: serum



H. W. Al-Soud





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/24/25 14:01

Collected At 08/24/25 14:01

Reported At 08/24/25 23:36

Coagulation

Partial Thromboplastin Time (PTT)

48 Second

Reference Range :

29 - 42.2

Comment :

Method: Photo optical clot detection.

Sample Type: Citrated plasma

A prolonged PTT can be indicative of Anticoagulant therapy (Heparin),

Factor deficiency (classical haemophilia A due to FVIII deficiency), DIC,

Massive transfusion, high titer of Lupus Anticoagulant and Von willbrand disease.

Incomplete filling of the tubes or inadequate mixing of tubes may interfere with the result.





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/24/25 14:01

Collected At 08/24/25 14:01

Reported At 08/25/25 14:55

Clinical Chemistry

Magnesium (Mg)

2.58 mg/dL

Reference Range :

1.8 - 2.6

Comment :

Method: Spectrophotometry (SP)

Sample Type: Serum



مختبرات الخلية المتقدمة
Advanced Cell Laboratories

+966 920013146
www.acl.com.sa
info@acl.com.sa



Approved By:

H. W. Al-Soud

Consultant clinical pathology





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/24/25 14:01

Collected At 08/24/25 14:01

Reported At 08/24/25 23:37

Test Results

Erythrocyte Sedimentation Rate (ESR)

15 mm/h

Reference Range :

≤ 15

Comment :

Method: Westergren method

Sample Type: Whole Blood



مختبرات الخلية المتقدمة
Advanced Cell Laboratories

+966 920013146

www.acl.com.sa

info@acl.com.sa

Approved By:

H. W. Al-Soud

Consultant clinical pathology





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/24/25 14:01

Collected At 08/24/25 14:01

Reported At 08/26/25 12:50

Clinical Chemistry

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

5 pg/mL

Reference Range :

≤ 106



H. W. Al-Soud





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/24/25 14:01

Collected At 08/24/25 14:01

Reported At 08/24/25 23:55

Blood Tests

Complete Blood Count (CBC)

Test Name	Result	Normal Range	Units
WBCs	9.15	4 - 11	10 ³ /uL
Red blood cell (RBC) count	4.88	4.5 - 5.5	x10 ⁶ /uL
Hemoglobin	16.01	13 - 18	g/dL
Hematocrit (HCT)	43.5	40 - 50	%
MCV	89.2	83 - 101	fl
MCH	32.8	27 - 32	pg
MCHC	36.8	31.5 - 34.5	g/dL
RDW-CV	14.1	11.6 - 14	%
Platelets	232.1	150 - 450	10 ³ /uL

Differential count	Result	Normal Range	Units
Neutrophils%	63.24	35 - 75	%
Lymphocytes%	27.35	20 - 45	%
Monocytes%	7.38	2 - 8	%
Eosinophils%	1.57	1 - 6	%
Basophils%	0.47	0 - 1	%
Neutrophils#	5.79	2 - 7	10 ³ /uL
Lymphocytes#	2.50	1 - 3.5	10 ³ /uL
Monocytes#	0.68	0.2 - 1	10 ³ /uL
Eosinophils#	0.14	0.02 - 0.5	10 ³ /uL
Basophils#	0.04	0.01 - 0.1	10 ³ /uL

Method: Coulter Principle and Flow cytometric optical measurement

Sample type: EDTA Whole Blood



مختبرات الخلية المتقدمة
Advanced Cell Laboratories

+966 920013146
www.acl.com.sa
info@acl.com.sa



Approved By:

H. W. Al-Soud

Consultant clinical pathology





Patient

Abdullah Bin Turki Bin Nasir
AlSoud
Male - 39 Years
1064759648

Order

Reservation ID: 3787664
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/24/25 14:01

Collected At 08/24/25 14:01

Reported At 08/24/25 23:36

Coagulation

Prothrombin Time (PT) & INR

Test Name	Result	Normal Range	Units
Prothrombin Time	11.3	9.3-12.5	Seconds
INR	1.01	Normal $\leq$ 1.24 2.0 - 3.0 : DVT Prophylaxis 2.5 - 3.5 : High risk patient with mechanical heart valve 3.0 - 4.0 : Recurrent DVT and pulmonary embolism	.

Method: Photo optical clot detection

Sample Type: Citrated Plasma

A prolonged PT can be indicative of Oral Anticoagulant Therapy (e.g. Warfarin),
Liver disease, Vitamin K Deficiency, DIC, or coagulation Factor abnormalities
as dysfibrinogenemia, factor V, VII, X and II Defects.
Incomplete filling or inadequate mixing of tubes may interfere with the result.



مختبرات الخلية المتقدمة
Advanced Cell Laboratories

+966 920013146
www.acl.com.sa
info@acl.com.sa



Approved By:

[Signature]

Consultant clinical pathology

