



Patient

Saleh Mazyad Khatim AlOtaibi
Male - 78 Years
1040404541

Order

Reservation ID: 3773325
Branch: ACL01 - Riyadh (As
Sulimaniyah) - HQ

Referral

Client: 1170 - Baitna Home Health
Care

Registered At 08/19/25 17:55

Collected At 08/19/25 17:55

Reported At 08/20/25 11:36

Coagulation

Partial Thromboplastin Time (PTT)

42.9 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.





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Test Results

Erythrocyte Sedimentation Rate (ESR)

40 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	6.61	4 - 11	$10^3/\mu\text{L}$
Red blood cell (RBC) count	3.61	4.5 - 5.5	$\times 10^6/\mu\text{L}$
Hemoglobin	11.72	13 - 18	g/dL
Hematocrit (HCT)	34.0	40 - 50	%
MCV	94.3	83 - 101	fL
MCH	32.5	27 - 32	pg
MCHC	34.5	31.5 - 34.5	g/dL
RDW-CV	14.4	11.6 - 14	%
Platelets	312.1	150 - 450	$10^3/\mu\text{L}$

Differential count	Result	Normal Range	Units
Neutrophils%	73.45	35 - 75	%
Lymphocytes%	18.71	20 - 45	%
Monocytes%	2.86	2 - 8	%
Eosinophils%	4.65	1 - 6	%
Basophils%	0.33	0 - 1	%
Neutrophils#	4.86	2 - 7	$10^3/\mu\text{L}$
Lymphocytes#	1.24	1 - 3.5	$10^3/\mu\text{L}$
Monocytes#	0.19	0.2 - 1	$10^3/\mu\text{L}$
Eosinophils#	0.31	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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Coagulation

Prothrombin Time (PT) & INR

Test Name	Result	Normal Range	Units
Prothrombin Time	12.5	9.3-12.5	Seconds
INR	1.13	Normal ≤ 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.



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