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MEDICAL LABORATORY

Tel : 971 4 398 8567
www.biosytech.com

Mr. ISLAM .

PID NO : 46956
Age : 29 Years Sex : Male
DOB: 13-Jun-1996

Reference : Dr. AMAIZAH ISHTIAQ

Referred Client :

CITICARE MEDICAL CENTER
Unit G03, Al Barsha South Bldg, Al Barhsa South Third, Dubai

VID : 5080100676

Collected on :

Registered on :
03-Aug-2025 02:55 PM
Reported on :

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
WBC COUNT	**17.1**	10^3/µL	4 - 11
NEUTROPHILS	**77**	%	40 - 75
LYMPHOCYTES	**17**	%	20 - 45
ABSOLUTE NEUTROPHIL COUNT	**13.17**	10^3/uL	1.6 - 8.25
ABSOLUTE MONOCYTE COUNT	**0.85**	10^3/uL	0.04 - 0.66
* C-REACTIVE PROTEIN (CRP)	**74.1**	mg/L	< 5.0 Please note change. Source: Roche IFU.

Service Remarks: Please correlate clinically

Abnormal Result(s) Summary End

This is an Electronically Authenticated Report.

Printed on: 03-Aug-2025 05:01 PM

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189 unless specified by (*).
Test marked with # is performed in an accredited referral laboratory.

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مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre
192 - LB - MED

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02-Aug-2025 07:00 PM
Registered on :
03-Aug-2025 02:55 PM
Reported on :
03-Aug-2025 04:59 PM

Investigation	Observed Value	Flag	Unit	Biological Reference Interval	Method
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.8		g/dL	13.5 - 17.5	Photometric
RBC COUNT	4.9		10^6/µL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	44.1		%	38 - 50	Calculation
MCV	89.4		fL	82 - 98	Calculation
MCH	29.9		pg	27 - 32	Calculation
MCHC	33.5		g/dL	32 - 37	Calculation
*** RDW**	13.4		%	11.8 - 15.6	Calculation
*** RDW-SD**	41.10		fL		Calculation
MPV	10.7		fL	7.6 - 10.8	Calculation
PLATELET COUNT	230		10^3/uL	150 - 450	Electrical Impedance
*** NUCLEATED RBC (NRBC)**	0.10		/100 WBC		VCS 360 Technology
*** ABSOLUTE NRBC COUNT**	0.02		10^3/uL		Calculation
TOTAL & DIFFERENTIAL COUNT (DC)					
WBC COUNT	17.1	H	10^3/µL	4 - 11	Electrical Impedance
NEUTROPHILS	77	H	%	40 - 75	VCS 360 Technology
LYMPHOCYTES	17	L	%	20 - 45	VCS 360 Technology
EOSINOPHILS	1		%	0 - 6	VCS 360 Technology
MONOCYTES	5		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	13.17	H	10^3/uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.91		10^3/uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.85	H	10^3/uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.17		10^3/uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0		10^3/uL	0 - 0.11	Calculation

Remarks: Please correlate clinically

***Sample Type**: EDTA Whole Blood*

DR. ADLEY MARK FERNANDES
M.D (Pathology)
Pathologist

DR. VYOMA SHAH
M.D (Pathology)
Clinical Pathologist

M RASHID CHENANGADATH
Laboratory Technologist

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Investigation	Observed Value	Flag	Unit	Biological Reference Interval
*** C-REACTIVE PROTEIN (CRP)** (Serum, Particle-enhanced immunoturbidimetric assay)	74.1	H	mg/L	< 5.0 Please note change. Source: Roche IFU.

INTERPRETATION :

- CRP measurements are used as aid in diagnosis, monitoring, prognosis, and management of suspected inflammatory disorders and associated diseases, acute infections and tissue injury.
- C-reactive protein is the classic acute phase protein in inflammatory reactions.
- CRP is the most sensitive of the acute phase reactants and its concentration increases rapidly during inflammatory processes. The CRP response frequently precedes clinical symptoms, including fever. After onset of an acute phase response, the serum CRP concentration rises rapidly and extensively. The increase begins within 6 to 12 hours and the peak value is reached within 24 to 48 hours. Levels above 100 mg/L are associated with severe stimuli such as major trauma and severe infection (sepsis).
- CRP response may be less pronounced in patients suffering from liver disease.
- CRP assays are used to detect systemic inflammatory processes (apart from certain types of inflammation such as systemic lupus erythematosus (SLE) and Colitis ulcerosa); to assess treatment of bacterial infections with antibiotics; to detect intrauterine infections with concomitant premature amniorrhexis; to differentiate between active and inactive forms of disease with concurrent infection, e.g. in patients suffering from SLE or Colitis ulcerosa; to therapeutically monitor rheumatic disease and assess anti-inflammatory therapy; to determine the presence of post-operative complications at an early stage, such as infected wounds, thrombosis and pneumonia, and to distinguish between infection and bone marrow transplant rejection."

---------- End Of Report ----------

DR. ADLEY MARK FERNANDES
M.D (Pathology)
Pathologist

DR. VYOMA SHAH
M.D (Pathology)
Clinical Pathologist

ANJUMOL VADAKKINATHU
Laboratory Technologist

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