



# **Laboratory Investigation Report**

Name : Mr. SHAKEEL MUKHTYAR

DOB : 29/09/1986 Age / Gender : 37 Y / Male Referred by : DR HUMAIRA

Centre : Peshawar Medical Center LLC

**Ref No.** : 40666

**Sample No.** : 2406425342

**Collected** : 07/06/2024 10:00 **Registered** : 07/06/2024 15:31

**Reported** : 07/06/2024 17:59

### **BIOCHEMISTRY**

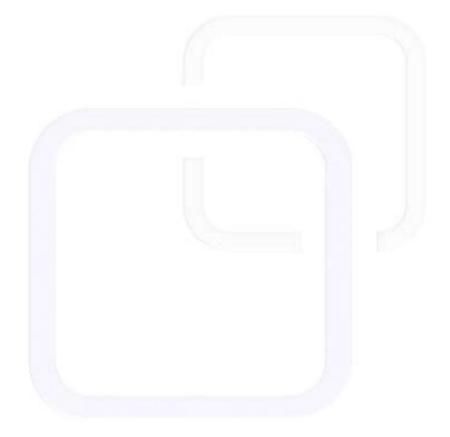
Test Result Flag Unit Reference Range Methodology

C-REACTIVE PROTEIN (CRP) 12.7 H mg/L < 5.0 Immunoturbidimetry

Please note change. Source: Roche IFU.

Sample Type : Serum

End of Report



Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

This is an electronically authenticated report

P.O Box: 49527

Dr. Vyoma V Shah M.D (Pathology) Clinical Pathologist

Page 1 of 4

Tel: +971 4 398 8567

NAZAR MOHAMED ALI Laboratory Technologist Printed on: 08/06/2024 01:27

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.

Dubai, UAE





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40666

2406425342

07/06/2024 10:00 07/06/2024 15:31

07/06/2024 17:37

Ref No.

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DOB: 29/09/1986Sample No.Age / Gender: 37 Y / MaleCollectedReferred by: DR HUMAIRARegisteredCentre: Peshawar Medical Center LLCReported

HEMATOLOGY					
Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	15.5		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.3		10^6/μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	46.9		%	38 - 50	Calculation
MCV	88.0		fL	82 - 98	Calculation
МСН	29.0		pg	27 - 32	Calculation
мснс	33.0		g/dL	32 - 37	Calculation
RDW	13.3		%	11.8 - 15.6	Calculation
RDW-SD	40.7		fL		Calculation
MPV	10.0		fL	7.6 - 10.8	Calculation
PLATELET COUNT	155		10^3/uL	150 - 450	Electrical Impedance
РСТ	0.2		%	0.01 - 9.99	Calculation
PDW	17.4		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.2		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT^	0.01		10^3/uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.7		%		Flow Cytometry
ABSOLUTE EGC^	0.0		10^3/uL		Calculation
WBC COUNT	4.7		10^3/μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	81	н	%	40 - 75	Flow Cytometry
LYMPHOCYTES	13	L	%	20 - 45	Flow Cytometry
EOSINOPHILS	0		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	3.3		10^3/uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	0.6	L	10^3/uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10^3/uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.0		10^3/uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10^3/uL	0 - 0.11	Calculation

Dr. Adley Mark Fernandes Dr. Vyoma V Shah
M.D (Pathology) M.D (Pathology)
Pathologist Clinical Pathologist

P.O Box: 49527

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Reena Babu
Laboratory Technologist
Printed on: 08/06/2024 01:27

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DOB 29/09/1986 Sample No. 2406425342 Age / Gender 37 Y / Male **Collected** 07/06/2024 10:00 Referred by DR HUMAIRA Registered 07/06/2024 15:31 Peshawar Medical Center LLC 07/06/2024 17:37 Centre Reported

#### **HEMATOLOGY**

Test Result Flag Unit **Reference Range** Methodology

**COMPLETE BLOOD COUNT (CBC)** 

Interpretation Notes: Please note update on CBC report format and changes in reference ranges.



**Dr. Adley Mark Fernandes** M.D (Pathology) **Pathologist** 

P.O Box: 49527

M.D (Pathology) **Clinical Pathologist** This is an electronically authenticated report

Dr. Vyoma V Shah

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Reena Babu **Laboratory Technologist** Printed on: 08/06/2024 01:27

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Age / Gender 37 Y / Male Referred by DR HUMAIRA

Peshawar Medical Center LLC Centre

Ref No. 40666

Sample No. 2406425342

**Collected** 07/06/2024 10:00

Registered 07/06/2024 15:31 Reported 07/06/2024 18:10

### **HAEMATOLOGY**

Flag Unit **Reference Range** Result Methodology **Test ERYTHROCYTE SEDIMENTATION RATE (ESR)** mm/hr < 15 **Automated** 

Please note change in

reference range and method.

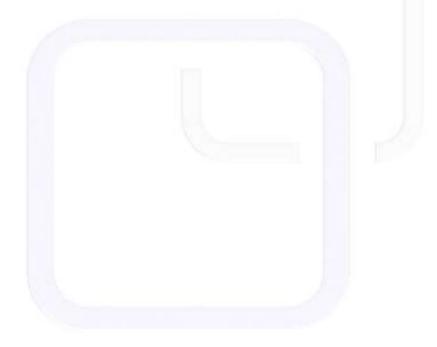
#### **Interpretation Notes:**

Increased ESR is seen in inflammation, pregnancy, anemia, autoimmune disorders (such as rheumatoid arthritis and lupus), infections, some kidney diseases and some cancers (such as lymphoma and multiple myeloma).

The ESR is decreased in polycythemia, hyperviscosity, sickle cell anemia, leukemia, low plasma protein (due to liver or kidney disease), congestive heart failure, hypofibrinogenemia and leukocytosis.

Sample Type : EDTA Whole Blood

End of Report



**Dr. Adley Mark Fernandes** M.D (Pathology) **Pathologist** 

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