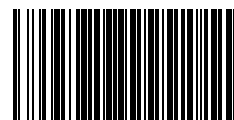


Laboratory Investigation Report



BML270002

Name : Mr. ZUHAYR ALI
DOB : 28/02/2018
Age / Gender : 5 Y / Male
Referred by : Dr. Enomen Goodluck Ekata
Centre : Peshawar Medical Center LLC

Ref No. : 39625
Sample No. : 2309273448
Collected : 21/09/2023 11:00
Registered : 21/09/2023 13:07
Reported : 21/09/2023 15:19

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	9.9	H	mg/L	< 6.0 Please note change in reference range.	Immunoturbidimetry

Sample Type : Serum

End of Report



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

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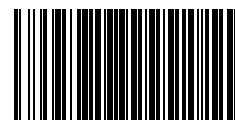
Page 1 of 4

Dr. Vyoma Shah

Dr. Vyoma Shah
Biochemistry Technologist
Printed on: 21/09/2023 15:46

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.





BML270002

Name : Mr. ZUHAYR ALI
DOB : 28/02/2018
Age / Gender : 5 Y / Male
Referred by : Dr. Enomen Goodluck Ekata
Centre : Peshawar Medical Center LLC

Ref No. : 39625
Sample No. : 2309273448
Collected : 21/09/2023 11:00
Registered : 21/09/2023 13:07
Reported : 21/09/2023 14:39

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	12.5		g/dL	11 - 16	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.1		10 ⁶ /μL	4.1 - 5.5	Electrical Impedance
HEMATOCRIT	37		%	33 - 47	Calculation
MCV	72.6	L	fL	82 - 92	Calculation
MCH	24.5	L	pg	27 - 32	Calculation
MCHC	33.7		g/dL	32 - 37	Calculation
RDW	14.8	H	%	12 - 14	Calculation
RDW-SD	38.5		fL		Calculation
MPV	8.3		fL	7.6 - 10.8	Calculation
PLATELET COUNT	289		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	16.5		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.2		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT^	0.02		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.2		%		Flow Cytometry
ABSOLUTE EGC^	0		10 ³ /uL		Calculation
WBC COUNT	12.4	H	10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	66	H	%	30 - 60	Flow Cytometry
LYMPHOCYTES	21	L	%	30 - 60	Flow Cytometry
EOSINOPHILS	7	H	%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	7.7	H	10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.6		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.9	H	10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0		10 ³ /uL	0 - 0.11	Calculation

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

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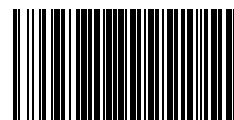
Page 2 of 4


MURSHIDHA MURINGAKODAN
Laboratory Technologist
 Printed on: 21/09/2023 15:46

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Laboratory Investigation Report



BML270002

Name	: Mr. ZUHAYR ALI	Ref No.	: 39625
DOB	: 28/02/2018	Sample No.	: 2309273448
Age / Gender	: 5 Y / Male	Collected	: 21/09/2023 11:00
Referred by	: Dr. Enomen Goodluck Ekata	Registered	: 21/09/2023 13:07
Centre	: Peshawar Medical Center LLC	Reported	: 21/09/2023 14:39

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
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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

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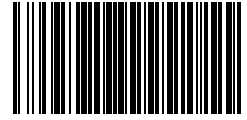
MURSHIDHA MURINGAKODAN

Laboratory Technologist

Printed on: 21/09/2023 15:46

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Laboratory Investigation Report

BML270002

Name : Mr. ZUHAYR ALI
DOB : 28/02/2018
Age / Gender : 5 Y / Male
Referred by : Dr. Enomen Goodluck Ekata
Centre : Peshawar Medical Center LLC

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Sample No. : 2309273448
Collected : 21/09/2023 11:00
Registered : 21/09/2023 13:07
Reported : 21/09/2023 14:38

HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	16	H	mm/hr	3 - 13 Please note change in reference range and method.	Automated

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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Page 4 of 4



MURSHIDHA MURINGAKODAN

Laboratory Technologist

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