

Laboratory Investigation Report

BML266342

Name	: KHOOR SHID	Ref No.	: 40954
DOB	: 01/03/1985	Sample No.	: 2309269760
Age / Gender	: 38 Y 6 M / Male	Collected	: 15/09/2023 14:00
Referred by	: DR. RASHMI KESHAVA	Registered	: 15/09/2023 16:55
Centre	: Peshawar Medical Center LLC	Reported	: 15/09/2023 22:42

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
ALBUMIN (SERUM)	5.3	H	g/dL	3.4 - 5.0	Bromocresol purple

Interpretation Notes :

High albumin may indicate dehydration

Low albumin is found with use of I.V. fluids, rapid hydration, overhydration; cirrhosis, other liver disease, including chronic alcoholism; in pregnancy and with oral contraceptive use; many chronic diseases including the nephrotic syndromes, neoplasia, protein-losing enteropathies (including Crohn's disease and ulcerative colitis), peptic ulcer, thyroid disease, burns, severe skin disease, prolonged immobilization, heart failure, chronic inflammatory diseases such as the collagen diseases and other chronic catabolic states.

Sample Type : Serum

End of Report

Dr. Adley Mark Fernandes

M.D (Pathology)

Pathologist

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HARSHAD MANIKANDAN

Laboratory Technician

Printed on: 16/09/2023 19:37

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BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLUCOSE (FASTING)	303	H	mg/dL	< 100	Hexokinase

Sample Type : Fluoride Plasma

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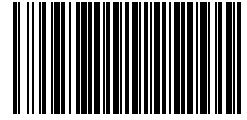
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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	15.3		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.4		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	45.8		%	38 - 50	Calculation
MCV	85.1		fL	82 - 98	Calculation
MCH	28.3		pg	27 - 32	Calculation
MCHC	33.3		g/dL	32 - 37	Calculation
RDW	13.6		%	11.8 - 15.6	Calculation
RDW-SD	41.1		fL		Calculation
MPV	8.3		fL	7.6 - 10.8	Calculation
PLATELET COUNT	346		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	16.5		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.1		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT^	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.1		%		Flow Cytometry
ABSOLUTE EGC^	0		10 ³ /uL		Calculation
WBC COUNT	10.7		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	51		%	40 - 75	Flow Cytometry
LYMPHOCYTES	40		%	20 - 45	Flow Cytometry
EOSINOPHILS	2		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	1		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	5.5		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	4.2		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.3		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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MIDHUN MANIKANDAN GEETHA

Laboratory Technologist

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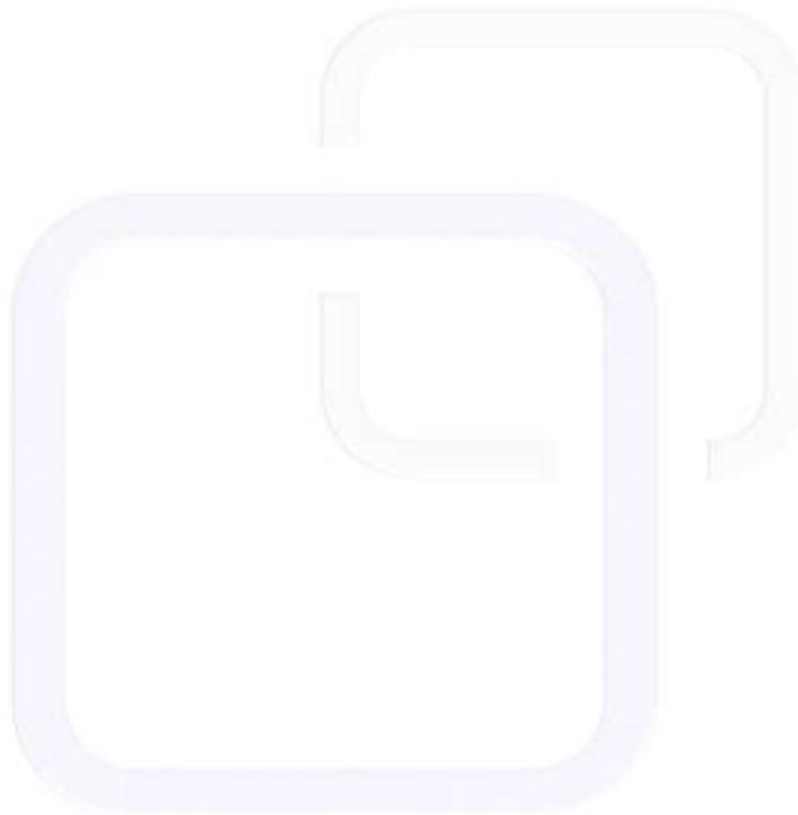
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COMPLETE BLOOD COUNT (CBC)

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

Sample Type : EDTA Whole Blood

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