



BML513644

Laboratory Investigation Report

Name	: Mr. AZHAAN KARIM BAWANI KARIM BADRUDDIN BAWANI	Ref No.	: 45558
DOB	: 13/10/2015	Sample No.	: 2501526203
Age / Gender	: 9 Y / Male	Collected	: 16/01/2025 19:25
Referred by	: Dr Sandia	Registered	: 16/01/2025 23:01
Centre	: CITICARE MEDICAL CENTER	Reported	: 17/01/2025 07:55

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
LIVER FUNCTION TEST					
ALT / SGPT	49		U/L	< or = 50 Please note change. Source: Roche IFU.	IFCC
AST / SGOT	40		U/L	< or = 50 Please note change. Source: Roche IFU.	IFCC
ALP (ALKALINE PHOSPHATASE)	247		U/L	142 - 335 In growing children, it can be elevated.	Colorimetric assay
GGT (GAMMA GLUTAMYL TRANSFERASE)	22		U/L	10 - 71 Please note change. Source: Roche IFU.	Enzymatic colorimetric assay
BILIRUBIN (TOTAL)	0.2		mg/dL	0 - 1.0 Please note change. Source: Roche IFU.	Diazotization
BILIRUBIN (DIRECT)	0.1		mg/dL	0 - 0.2 Please note change. Source: Roche IFU.	Diazotization
INDIRECT BILIRUBIN	0.10		mg/dL	< or = 0.9	Calculated
TOTAL PROTEIN	7.9		g/dL	6.4 - 8.3	Biuret reaction
ALBUMIN (SERUM)	4.7		g/dL	3.8 - 5.4 Please note change. Source: Roche IFU.	Colorimetric assay (Bromocresol Green)
GLOBULIN	3.2		g/dL	2.0 - 3.5	Calculation
A/G RATIO	1.5			0.8 - 2.0	Calculation

Sample Type : Serum

End of Report

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

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

Haleem
HALEEM HAKKIM
Laboratory Technician

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.5		g/dL	11 - 16	Photometric
RBC COUNT	5.7	H	10 ⁶ /μL	4.1 - 5.5	Electrical Impedance
HEMATOCRIT	42.3		%	33 - 47	Calculation
MCV	74.8	L	fL	82 - 92	Calculation
MCH	25.7	L	pg	27 - 32	Calculation
MCHC	34.3		g/dL	32 - 37	Calculation
RDW	14.3	H	%	12 - 14	Calculation
RDW-SD	37.2		fL		Calculation
MPV	7.6		fL	7.6 - 10.8	Calculation
PLATELET COUNT	319		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	16.8		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.1		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNT^	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.0		%		VCS 360 Technology
ABSOLUTE EGC^	0.0		10 ³ /uL		Calculation
WBC COUNT	9.0		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	47		%	30 - 60	VCS 360 Technology
LYMPHOCYTES	43		%	30 - 60	VCS 360 Technology
EOSINOPHILS	6		%	0 - 6	VCS 360 Technology
MONOCYTES	4		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	4.0		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE LYMPHOCYTE COUNT	3.9		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.5		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.5		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

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MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

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HEMATOLOGY

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COMPLETE BLOOD COUNT (CBC)

INTERPRETATION NOTES :

Please note update on CBC report format, reference ranges and method(Beckman Coulter).

Sample Type : EDTA Whole Blood

End of Report

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