



BML451625

Laboratory Investigation Report

Name	: Mr. AMEEN HOUSSEN ALKOURDI	Ref No.	: 38201
DOB	: 10/10/1983	Sample No.	: 2408461641
Age / Gender	: 40 Y / Male	Collected	: 12/08/2024 14:15
Referred by	: DR HUMAIRA	Registered	: 12/08/2024 21:53
Centre	: CITICARE MEDICAL CENTER	Reported	: 12/08/2024 23:02

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
LIPID PROFILE TEST					
CHOLESTEROL (TOTAL)	243	H	mg/dl	Desirable: < 200 Borderline High: 200 - 239 High: ≥ 240 Please note change. Source: Roche IFU.	Enzymatic colorimetric assay
HDL CHOLESTEROL	34	L	mg/dl	40 - 60 Please note change. Source: Roche IFU.	Homogeneous enzymatic colorimetric assay
LDL CHOLESTEROL DIRECT	177	H	mg/dl	Optimal: < 100 Near/Above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: ≥ 190 Please note change. Source: Roche IFU.	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL	35	H	mg/dL	< 30	Calculation
NON-HDL CHOLESTEROL	212	H	mg/dL	< 140	Calculation
TRIGLYCERIDES	175	H	mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 500 Source: Roche IFU.	Enzymatic colorimetric assay
TOTAL CHOLESTEROL / HDL RATIO	7.1	H		< 4.5	Calculation
LDL / HDL RATIO	5.2	H		< 3.5	Calculation

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

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

This is an electronically authenticated report

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HARSHAD MANIKANDAN
Laboratory Technician
Printed on: 12/08/2024 23:04

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.





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BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
LIVER FUNCTION TEST					
ALT / SGPT	23		U/L	< or = 50 Please note change. Source: Roche IFU.	IFCC
AST / SGOT	24		U/L	< or = 50 Please note change. Source: Roche IFU.	IFCC
ALP (ALKALINE PHOSPHATASE)	88		U/L	40 - 129 Please note change. Source: Roche IFU.	Colorimetric assay
GGT (GAMMA GLUTAMYL TRANSFERASE)	23		U/L	10 - 71 Please note change. Source: Roche IFU.	Enzymatic colorimetric assay
BILIRUBIN (TOTAL)	0.5		mg/dL	0 - 1.2 Please note change. Source: Roche IFU.	Diazotization
BILIRUBIN (DIRECT)	0.2		mg/dL	0 - 0.2 Please note change. Source: Roche IFU.	Diazotization
INDIRECT BILIRUBIN	0.30		mg/dL	< or = 0.9	Calculated
TOTAL PROTEIN	7.5		g/dL	6.4 - 8.3	Biuret reaction
ALBUMIN (SERUM)	4.7		g/dL	3.5 - 5.2 Please note change. Source: Roche IFU.	Colorimetric assay (Bromocresol Green)
GLOBULIN	2.8		g/dL	2.0 - 3.5	Calculation
A/G RATIO	1.7			0.8 - 2.0	Calculation

Sample Type : Serum

End of Report

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