

LABORATORY REPORT

Name	: FRANCISCO DON AGUILAR	File. No.	: AAL02-1464696
DOB/Gender	: 09-09-1991 (33 Yrs 11 Month 10 Days/Male)	Referral Doctor	: Dr. Amaizah Ishtiaq
Lab No.	: 22252310135	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 19-08-2025 13:51:28	Clinic File No	: 46582
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.64 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	16.5	g/dl	13.0 - 17.0	Photometry-SLS
HCT	48.2	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	85.5	fl	83.0 - 101.0	Calculation
MCH	29.3	pg	27-32	Calculation
MCHC	34.2	g/dL	31.5 - 34.5	Calculation
Platelet Count	244	10 ³ /uL	150 - 400	HF (DCD)
WBC	12.86 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	74.2	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	14.8 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	3.8	%	2.0-10.0	Flow Cytometry
Eosinophils	6.7 ^H	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	9.55 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.90	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.49	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.86 ^H	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.06	10 ³ /uL	0.02 - 0.10	Calculation

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : EDTA WB

These tests are accredited under ISO 15189:2022 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertain only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

Patient Sample Collected On : 19-08-2025 10:20:00
Authenticated On : 19-08-2025 14:54:59

Received On : 19-08-2025 13:55:00
Released On : 19-08-2025 15:02:18

Priya

Padmapriya Kumaresan
Sr. Technician
DHA-P-2992011

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**ELECTROLYTES PANEL (NA,K,CL,HCO3)
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Sodium	138.50	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	5.38	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Chloride (serum)	100.00	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
*Total CO2 (Bicarbonate)	23.90	mmol/L	22.0 - 29.0	PEP Carboxylase

Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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LIPID PROFILE I CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Cholesterol	236.00	mg/dL	Desirable: < 200 Borderline: 200-239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	138.00	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: >or =500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	46.60	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	176.00 ^H	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	13.40	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	5.06 ^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Remarks:

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Sample Type : Serum

----- End Of Report -----

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