

LABORATORY REPORT

Name :	DOB/Gender :	22/08/2004	File. No. :	456778
Lab No. :	5678	Referral Doctor :	Dr	
Request Date :	30/06/2025	Referral Clinic :		
Insurance :	Metlife Alico	Clinic File No. :		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.24	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.6	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.8	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	89.3	fl	83.0 - 101.0	Calculation
MCH	29.8	pg	27-32	Calculation
MCHC	33.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	216	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.85	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	44.6	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	44.5 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.9	%	2.0-10.0	Flow Cytometry
Eosinophils	1.5	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.50	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.49 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.70	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.12	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation

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 pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Patient Sample Collected On : 30-06-2025 12:00:00

Received On : 30-06-2025 14:00:00

Authenticated On : 30-06-2025 17:34:57

Released On : 30-06-2025 17:43:49

DATE 20250611

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LABORATORY REPORT

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DOB/Gender	:	Referral Doctor	:	Dr	
Lab No.	:	Referral Clinic	:		LC
Request Date	:	Clinic File No	:		
Insurance	:		:		

**RENAL FUNCTION PANEL (FASTING)
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Albumin	4.32	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2 (Bicarbonate)	27.10	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	9.79	mg/dL	8.8 - 10.2	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	101.40	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	1.00	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				
Glucose (Fasting)	104.00 ^H	mg/dL	70 - 100	HK/G-6-PDH
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Fluoride Plasma				
Phosphorous	3.27	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Sodium	139.40	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	4.74	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	34.00	mg/dL	17, 14 - 49.28	Urease/GLDH

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

Remarks:

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

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	130.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: ≥ 240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	107.00	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: ≥ 500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	52.30	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	64.20	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: ≥ 190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	13.50	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	2.49	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: ≥ 6	Calculation

Sample Type : Serum

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

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