

LABORATORY REPORT

Name	: MUHAMMAD UMER BIN NASEEM SIDDIQUI	File. No.	: DML02-1001388
DOB/Gender	: 23-07-1990 (34 Yrs 11 Month 27 Days/Male)	Referral Doctor	: Dr. Aisha Umer
Lab No.	: 22251650172	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 14-06-2025 16:40:04	Clinic File No	: 46861
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.06	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.3	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.3	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	83.6	fl	83.0 - 101.0	Calculation
MCH	28.3	pg	27-32	Calculation
MCHC	33.8	g/dL	31.5 - 34.5	Calculation
Platelet Count	305	10 ³ /uL	150 - 400	HF (DCD)
WBC	10.02 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	62.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	28.4	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.0	%	2.0-10.0	Flow Cytometry
Eosinophils	2.4	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	6.29	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.85	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.60	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.24	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	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

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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.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

Patient Sample Collected On : 14-06-2025 10:25:00
Authenticated On : 14-06-2025 19:08:44

Received On : 14-06-2025 17:12:00
Released On : 14-06-2025 19:18:14



Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Phosphorous	3.88	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Uric Acid	6.87	mg/dL	3.40-7.00	Uricase
Please note Reference Range Reviewed w.ef 15/10/23				
Bilirubin - Direct	0.28	mg/dL	0.00-0.5	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				

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COMPREHENSIVE METABOLIC PROFILE-FBS CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.69	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	60.10	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	32.10	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	27.10	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	8.98	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2 (Bicarbonate)	24.80	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	102.00	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.87	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				
Glucose (Fasting)	94.30	mg/dL	70 - 100	HK/G-6-PDH
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Fluoride Plasma				
Potassium (serum)	5.07	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Sodium	137.40	mmol/L	136 - 145	ISE Indirect

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Test Name	Result	Units	Ref. Range	Method
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	27.50	mg/dL	12.86 - 42.86	Urease/GLDH
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	7.07	g/dL	6.40 - 8.30	Colorimetric - Biuret
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	4.40	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.67	g/dL	2.50 - 3.50	Calculation
*Albumin/Globulin Ratio	1.65	Ratio	1.10 - 2.50	Calculation

Sample Type : Serum

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LIPID PROFILE I CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Cholesterol	162.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	112.00	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	44.30	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	105.00	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	12.70	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	3.66	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

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

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