

LABORATORY REPORT

Name	: MOHAMMAD SAMEER	File. No.	: AAL02-423942
DOB/Gender	: 04-08-1983 (41 Yrs 4 Month 29 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22250020378	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 02-01-2025 22:11:35	Clinic File No	: 43373
Insurance	: NEURON		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.69^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.7	g/dl	13.0 - 17.0	Photometry-SLS
HCT	45.2	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	79.4^L	fl	83.0 - 101.0	Calculation
MCH	25.8^L	pg	27-32	Calculation
MCHC	32.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	253	10 ³ /uL	150 - 400	HF (DCD)
WBC	8.91	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	55.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	34.7	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.8	%	2.0-10.0	Flow Cytometry
Eosinophils	2.8	%	1 - 6	Flow Cytometry
Basophils	1.0	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.96	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.09^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.52	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.25	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.09	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening. Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

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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 : 02-01-2025 12:30:00
Authenticated On : 02-01-2025 23:32:17

Received On : 02-01-2025 22:13:00
Released On : 02-01-2025 23:54:50



Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Calcium	9.43	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
*Calcium - Ionized (Free)	4.04	mg/dL	4.00 - 5.60	Calculation
C-Reactive Protein (CRP)	0.64	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay

CRP is an acute phase protein whose concentration rises non -specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

Uric Acid	5.79	mg/dL	3.40-7.00	Uricase
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Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES

Test Name	Result	Units	Ref. Range	Method
*Rheumatoid Factor (RF)	<10.00	IU/mL	<14	Immunoturbidimetric

The measurement of rheumatoid factor is useful in evaluating the diagnosis, effects of therapy, and prognosis of diseases such as rheumatoid arthritis, systemic lupus erythematosus, Sjögren's syndrome, cryoglobulinemia, and chronic hepatopathy. Please note Reference Range Reviewed w.ef 15/10/23
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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	153.00	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	41.70	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	98.70	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	12.60	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	3.67	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

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

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