

LABORATORY REPORT

Name	: MAHESH CHAMINDA GUNASEKARA	File. No.	: AAL02-420234
DOB/Gender	: 11-05-1981 (43 Yrs 5 Month 4 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22242890228	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 15-10-2024 14:59:47	Clinic File No	: 44018
Insurance	: NEURON		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.03	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.8	g/dl	13.0 - 17.0	Photometry-SLS
HCT	47.0	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	93.4	fl	83.0 - 101.0	Calculation
MCH	31.4	pg	27-32	Calculation
MCHC	33.6	g/dL	31.5 - 34.5	Calculation
Platelet Count	217	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.08	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	41.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	48.4 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.2	%	2.0-10.0	Flow Cytometry
Eosinophils	1.1	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.96	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.43 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.58	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.08	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	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 15189:2012 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 : 14-10-2024 10:10:00
Authenticated On : 15-10-2024 16:38:28

Received On : 15-10-2024 15:00:00
Released On : 15-10-2024 16:54:41

Pring

Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose (Fasting)	99.30	mg/dL	70 - 100	HK/G-6-PDH

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

Sample Type : Fluoride Plasma

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	244.00^H	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: ≥ 240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	523.00^H	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	36.00^L	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	148.00^H	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	60.00^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	6.78^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: ≥ 6	Calculation

Remarks:

Due to high Triglycerides levels, a confirmation test is required with a fresh sample. It is advised to repeat the test after one week combined with abstaining from oily, fatty, dairy food as well as nuts. Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

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

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