

LABORATORY REPORT

Name : **VELUMANI DEEPAPRIYA** File. No. : **AAL02-401806**
DOB/Gender : **29-12-1975 (49 Yrs 12 Days/Female)** Referral Doctor : **Dr. Enomen Goodluck Ekata**
Lab No. : **22243560146** Referral Clinic : **Citicare Medical Center LLC**
Request Date : **21-12-2024 14:59:16** Clinic File No : **43259**
Insurance : **NAS ADMINISTRATION SERVICES LTD**

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.77	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	11.8^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	38.1	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	79.9^L	fl	83.0 - 101.0	Calculation
MCH	24.7^L	pg	27-32	Calculation
MCHC	31.0^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	257	10 ³ /uL	150-400	HF (DCD)
WBC	6.98	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	63.2	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	21.8	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.0	%	2-10	Flow Cytometry
Eosinophils	6.6^H	%	1 - 6	Flow Cytometry
Basophils	1.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.41	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.52	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.49	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.46	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.10	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.

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 : 21-12-2024 12:00:00
Authenticated On : 21-12-2024 16:21:18

Received On : 21-12-2024 15:00:00
Released On : 21-12-2024 16:48:03



Padmapriya Kumaresan
Sr. Technician
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
C-Reactive Protein (CRP)	1.51	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

Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	302.00^H	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: ≥ 240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	253.00^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	40.00	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	221.00^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	41.00^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	7.55^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: ≥ 6	Calculation

Remarks:

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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