

LABORATORY REPORT

Name	: JENNIFFER DESIREE	File. No.	: AAL02-431987
DOB/Gender	: 18-09-1996 (28 Yrs 3 Month 12 Days/Female)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22243650182	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 30-12-2024 14:12:10	Clinic File No	: 45373
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.49	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	13.1	g/dl	12.0 - 15.0	Photometry-SLS
HCT	39.5	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	88.0	fl	83.0 - 101.0	Calculation
MCH	29.2	pg	27-32	Calculation
MCHC	33.2	g/dL	31.5 - 34.5	Calculation
Platelet Count	418 ^H	10 ³ /uL	150-400	HF (DCD)
WBC	12.49 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	66.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	24.4	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.1	%	2-10	Flow Cytometry
Eosinophils	2.3	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	8.33 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.05 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.76	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.29	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.06	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 15189:2022 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 : 29-12-2024 04:25:00
Authenticated On : 30-12-2024 15:32:14

Received On : 30-12-2024 14:22:00
Released On : 30-12-2024 15:40:35

Pring

Padmapriya Kumaresan
Sr. Technician
DHA-P-2992011

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	27.70 ^H	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

Remarks:

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Sample Type : Serum

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RENAL FUNCTION PANEL (RANDOM) 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				
Calcium	9.69	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Creatinine (serum)	0.53	mg/dL	0.50-0.90	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Phosphorous	3.45	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23				
Urea	16.90	mg/dL	12.86 - 42.86	Urease/GLDH

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	193.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: ≥ 240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	113.00	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	41.80	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	132.00^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	19.20	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.62^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: ≥ 6	Calculation

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

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