

LABORATORY REPORT

Name	: OBINNA SUNNY NLEMADIM	File. No.	: AAL02-366617
DOB/Gender	: 24-08-1986 (37 Yrs 3 Month 28 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233560080	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 22-12-2023 12:55	Clinic File No	: 39199
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.00	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.1	g/dl	13.0 - 17.0	Photometry-SLS
HCT	44.7	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	89.4	fl	83.0 - 101.0	Calculation
MCH	30.2	pg	27-32	Calculation
MCHC	33.8	g/dL	31.5 - 34.5	Calculation
Platelet Count	183	10 ³ /uL	150 - 400	HF (DCD)
WBC	5.56	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	55.0	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	33.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.7	%	2.0-10.0	Flow Cytometry
Eosinophils	1.3	%	1 - 6	Flow Cytometry
Basophils	0.7	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.06	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.85	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.54	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

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 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

H/L Collected On : 22-12-2023 10:00:00
Authenticated On : 22-12-2023 16:16:05
Printed On : 22-12-2023 23:50:57

Received On : 22-12-2023 12:57:00
Released On : 22-12-2023 16:29:43
Reprinted On : 23-12-2023 15:44:02

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
**Alanine Aminotransferase (ALT / GPT)	23.10	U/L	10-50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
**Alkaline Phosphatase	68.20	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
**Aspartate Aminotransferase(AST / GOT)	34.30	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
**Calcium	9.65	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
C-Reactive Protein (CRP)	3.20	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				
***Creatinine (serum)	1.15	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
***Phosphorous	3.31	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
***Urea	29.80	mg/dL	12.86-42.64	Urease/GLDH
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	147.00	mg/dL	Desirable: < 200 Borderline: 200 -239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
**Triglycerides	57.90	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	54.00	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
**LDL Cholesterol	89.40	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	11.58	mg/dL	5.0-30.0	Calculation
**Cholesterol / HDL	2.72	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

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

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