

LABORATORY REPORT

Name	: OKEZIE THEOPHIUS NDUCHE	File. No.	: AAL02-345474
DOB/Gender	: 17-08-1979 (44 Yrs 3 Month 20 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233150408	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 11-11-2023 22:16	Clinic File No	: 26299
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.02 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	13.9	g/dl	13.0 - 17.0	Photometry-SLS
HCT	44.1	%	40.0 - 50.0	Hydrodynamic focusing
MCV	73.3 ^L	fl	83.0 - 101.0	Calculation
MCH	23.1 ^L	pg	27-32	Calculation
MCHC	31.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	226	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	6.19	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	46.3	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	45.2 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.1	%	2.0-10.0	Flow Cytometry
Eosinophils	1.1	%	1 - 6	Flow Cytometry
Basophils	0.3	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.86	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.80	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.44	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.02	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 15189:2012 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 : 11-11-2023 18:00:00
Authenticated On : 11-11-2023 23:48:34
Printed On : 12-11-2023 00:57:45

Received On : 11-11-2023 22:16:00
Released On : 11-11-2023 23:53:25
Reprinted On : 12-11-2023 14:28:53

Prings

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Request Date : **11-11-2023 22:16** Clinic File No : **26299**
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Test Name	Result	Units	Ref. Range	Method
<u>ERYTHROCYTE SEDIMENTATION RATE (ESR)</u>				
ESR (whole blood)	4	mmhr	up to 10	Modified Westergren

Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
CRP - quant (serum)	3.24	mg/L	< 5.0	Immunoturbidimetric

Sample Type : Serum

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LIPID PROFILE I
CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	160.0	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
*Triglycerides (serum)	357.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
Please note Reference Range Reviewed w.ef 15/10/23				
**HDL Cholesterol	33.80^L	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	74.5	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	51.7^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.7^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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