

LABORATORY REPORT

Name	: OKEZIE THEOPHIUS NDUCHIE	File. No.	: AAL02-345474
DOB/Gender	: 17-08-1979 (44 Yrs 1 Month 23 Days/Male)	Referral Doctor	: Dr. Rashmi Keshava Murthy Mosale
Lab No.	: 22232620003	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 19-09-2023 08:06:05	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	6.30 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.2	g/dl	13.0 - 17.0	Photometry-SLS
HCT	45.7	%	40.0 - 50.0	Hydrodynamic focusing
MCV	72.5 ^L	fl	83.0 - 101.0	Calculation
MCH	22.5 ^L	pg	27-32	Calculation
MCHC	31.1 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	211	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	5.33	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	41.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	48.6 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.5	%	2.0-10.0	Flow Cytometry
Eosinophils	1.3	%	1 - 6	Flow Cytometry
Basophils	0.8	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.23	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.59	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.40	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

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 : 18-09-2023 21:00:00
Authenticated On : 19-09-2023 14:15:37
Received On : 19-09-2023 08:06:00
Released On : 19-09-2023 14:20:03

Prings

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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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
Glucose(RBS)	97.03	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	Hexokinase/G-6-PDH
<i>Sample Type : Fluoride Plasma</i>				
CRP - quant (serum)	2.80	mg/L	< 5.0	Immunoturbidimetric
<i>Sample Type : Serum</i>				

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	165.5	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	199.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	37.1^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	95.7	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	32.7^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.5	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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