

LABORATORY REPORT

Name	: EDGAR JR. ARTUZ MELLA	File. No.	: AAL02-346908
DOB/Gender	: (50 Yrs /Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22232670264	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 24-09-2023 14:49	Clinic File No	:
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.21	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.3	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.2	%	40.0 - 50.0	Hydrodynamic focusing
MCV	88.7	fl	83.0 - 101.0	Calculation
MCH	29.4	pg	27-32	Calculation
MCHC	33.1	g/dL	31.5 - 34.5	Calculation
Platelet Count	301	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	10.13 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	68.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	19.3 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.8	%	2.0-10.0	Flow Cytometry
Eosinophils	3.5	%	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)	6.98	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.96	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.79	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.35	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.05	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.

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 : 24-09-2023 11:00:00
Authenticated On : 24-09-2023 21:07:51
Printed On : 25-09-2023 09:00:24

Received On : 24-09-2023 16:04:00
Released On : 24-09-2023 21:27:50

Rhea Suberon
Medical Laboratory Technician
DHA/LS/123639

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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
HbA1c (whole blood)	5.5	%	Normal: ≤ 5.6 High risk/prediabetes: 5.7-6.4* Diabetes: ≥ 6.5**	Enzymatic

* Requires screening by glucose criteria.

** Confirm by repeating the test on a different day.

Kindly note new reference range for HbA1c effective from 7/6/2020.

<i>Sample Type : EDTA WB</i>				
CRP - quant (serum)	11.22 ^H	mg/L	< 5.0	Immunoturbidimetric
Uric Acid (serum)	8.47 ^H	mg/dL	3.7 - 7.7	Uricase

Kindly note new reference range for Uric acid effective from 20/1/2022

Remarks:

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Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	262.4^H	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	315.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	44.4	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	168.0^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	50.0^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	5.9^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Remarks:

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Sample Type : Serum

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

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