

LABORATORY REPORT

Name	: JOSE RAFAEL LOPERA EVANGELISTA	File. No.	: AAL02-322218
DOB/Gender	: 19-03-1977 (46 Yrs 3 Month 4 Days/Female)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231730234	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 22-06-2023 14:00	Clinic File No	: 39263
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.10 ^H	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	17.7 ^H	g/dl	12.0 - 15.0	Photometry-SLS
HCT	52.1 ^H	%	36.0 - 46.0	Hydrodynamic focusing
MCV	85.4	fl	83.0 - 101.0	Calculation
MCH	29.0	pg	27-32	Calculation
MCHC	34.0	g/dL	31.5 - 34.5	Calculation
Platelet Count	251	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	7.65	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	39.0 ^L	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	49.0 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.5	%	2-10	Flow Cytometry
Eosinophils	3.8	%	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)	2.99	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.75 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.57	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.29	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

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 : 22-06-2023 10:00:00
Authenticated On : 22-06-2023 16:40:39
Printed On : 23-06-2023 00:04:59

Received On : 22-06-2023 14:02:00
Released On : 22-06-2023 16:51:42
Reprinted On : 23-06-2023 12:26:49

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822



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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (whole blood)	11.5^H	%	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.

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : EDTA WB

Glucose - Fasting	213.68^H	mg/dL	70 - 100	Hexokinase/G-6-PDH
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According to American Diabetes Association 2010, fasting plasma glucose (FPG) levels of (100-125 mg/dl) are in the increased risk category for diabetes.

Sample Type : Fluoride Plasma

CRP - quant (serum)	0.67	mg/L	< 5.0	Immunoturbidimetric
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Sample Type : Serum

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MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS

Test Name	Result	Units	Ref. Range	Method
<u>URINE ROUTINE (URINALYSIS)</u>				
<u>PHYSICAL EXAMINATION</u>				
Color	Yellow		Yellow	Light Scatter
Appearance	Turbid		Clear	Light Scatter
Specific Gravity	1.029		1.005 - 1.030	Refractrometry
PH	5.00		4.6 - 8.0	pH.I/Reflectance
Glucose	Negative		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	+		Negative	Dye Binding
Blood	Negative		Negative	Peroxidase Activity/Reflectance
Bilirubin	Negative		Negative	Acidified Diazo Coupling
Urobilinogen	Normal	mg/dL	Normal 0.2 - 1.0	Buffered Diazo Coupling
Nitrite	Negative		Negative	Mod. Gries Rn
Leukocytes.	Negative		Negative	Enz.Rn/Reflect
<u>MICROSCOPIC EXAMINATION</u>				
Pus Cells	1 - 2	/HPF	1 - 4	F.D.I/Microscopy
RBC's	0 - 1	/HPF	0 - 2	F.D.I/Microscopy
Epithelial cells	0 - 1	/HPF	1 - 4	F.D.I/Microscopy
Bacteria	Absent	/HPF	Absent	F.D.I/Microscopy
Yeast cells	Absent	/HPF	Absent	F.D.I/Microscopy
Trichomonas Vaginalis	Absent	/HPF	Absent	F.D.I/Microscopy
Mucus Threads	++	/HPF	Absent	F.D.I/Microscopy
Crystals	Absent	/HPF	Absent	F.D.I/Microscopy
Casts	Absent	/LPF	Absent	F.D.I/Microscopy

Bilirubin and Urobilinogen when exposed to sunlight leads to artificially low results, hence recommended to collect urine in dark container for analyzing Urine

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Test Name	Result	Units	Ref. Range	Method
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Bilirubin and Urobilinogen if clinically indicated.

Kindly note the new methodology is effective from 31-10-2022.

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Mid-stream Urine

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

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