LABORATORY REPORT

Name	: **MORAD ACHETOUI**	File. No.	: **AAL02-359528**
DOB/Gender	: **05-09-1981 (42 Yrs 2 Month 12 Days/Male)**	Referral Doctor	: **Dr. Enomen Goodluck Ekata**
Lab No.	: **22233210230**	Referral Clinic	: **Peshawar(Irham Medical Center)**
Request Date	: **17-11-2023 20:49**	Clinic File No	: **35630**
Insurance	: **NATIONAL GENERAL INSURANCE (HEALTHNET)**		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL				
RBC	4.82	10^12/L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.1	g/dl	13.0 - 17.0	Photometry-SLS
HCT	44.9	%	40.0 - 50.0	Hydrodynamic focusing
MCV	93.2	fl	83.0 - 101.0	Calculation
MCH	31.3	pg	27-32	Calculation
MCHC	33.6	g/dL	31.5 - 34.5	Calculation
Platelet Count	245	10^3/uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	5.67	10^3/uL	4.00 - 10.00	Flow Cytometry
DIFFERENTIAL COUNT (%)				
Neutrophils	51.3	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	34.6	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.3	%	2.0-10.0	Flow Cytometry
Eosinophils	4.9	%	1 - 6	Flow Cytometry
Basophils	0.9	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
DIFFERENTIAL COUNT (ABSOLUTE)				
Neutrophils (Absolute)	2.91	10^3/uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.96	10^3/uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.47	10^3/uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.28	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
ERYTHROCYTE SEDIMENTATION RATE (ESR)				
ESR (whole blood)	7	mmhr	up to 10	Modified

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Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

H/L Collected On : 17-11-2023 19:00:00
Authenticated On : 17-11-2023 22:44:31
Printed On : 17-11-2023 23:36:37
Received On : 17-11-2023 21:03:00
Released On : 17-11-2023 22:48:15
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Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Test Name	Result	Units	Ref. Range	Method
				Westergren

Sample Type : EDTA WB

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MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS

Test Name	Result	Units	Ref. Range	Method
URINE ROUTINE (URINALYSIS)				
PHYSICAL EXAMINATION				
Color	Yellow		Yellow	Light Scatter
Appearance	Clear		Clear	Light Scatter
Specific Gravity	1.023		1.005 - 1.030	Refractrometry
PH	5.00		4.6 - 8.0	Litmus reaction
Glucose	Negative		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	Negative		Negative	Dye Binding
Blood	Negative		Negative	Peroxidase Activity/Reflectance
Bilirubin	Negative		Negative	Acidified Diazo Coupling
Urobilinogen	**3.0** H	mg/dL	Normal 0.2 - 1.0	Buffered Diazo Coupling
Nitrite	Negative		Negative	Mod. Gries Rn
Leukocytes.	Negative		Negative	Enz.Rn/Reflect
MICROSCOPIC EXAMINATION				
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	Absent	/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

Bilirubin and Urobilinogen if clinically indicated.

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

Remarks:

Spermatozoa : Present.

Test was rechecked. Recommended to repeat test with new sample for Urobilinogen confirmation.

Sample Type : Urine

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

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