

LABORATORY REPORT

Name	: JOHN BARRY	File. No.	: AAL02-364172
DOB/Gender	: 04-11-1999 (24 Yrs 1 Month 7 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22233450341	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 11-12-2023 21:33	Clinic File No	: 39422
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.65 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.6 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	40.8	%	40.0 - 50.0	Hydrodynamic focusing
MCV	72.2 ^L	fl	83.0 - 101.0	Calculation
MCH	22.3 ^L	pg	27-32	Calculation
MCHC	30.9 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	214	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	6.01	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	47.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	41.9 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.2	%	2.0-10.0	Flow Cytometry
Eosinophils	0.7 ^L	%	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)	2.88	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.52	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.55	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.04	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 : 11-12-2023 20:00:00
Authenticated On : 12-12-2023 00:43:39
Printed On : 12-12-2023 14:43:30

Received On : 11-12-2023 21:33:00
Released On : 12-12-2023 00:59:22



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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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)	0.47	mg/L	< 5.0	Immunoturbidimetric

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	Light Yellow		Yellow	Light Scatter
Appearance	Clear		Clear	Light Scatter
Specific Gravity	1.016		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	Normal	mg/dL	Normal 0.2 - 1.0	Buffered Diazo Coupling
Nitrite	Negative		Negative	Mod. Gries Rn
Leukocytes.	Trace		Negative	Enz.Rn/Reflect
<u>MICROSCOPIC EXAMINATION</u>				
Pus Cells	6 - 8	/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	Few	/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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Dr. Solmaz Siddiqui
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Authenticated On : 11-12-2023 23:15:52
Printed On : 12-12-2023 14:43:30

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Bilirubin and Urobilinogen if clinically indicated.

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

Remarks:

Test results to be interpreted in light of clinical history. To be investigated further if clinically indicated.

Sample Type : Urine

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

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