

LABORATORY REPORT

Name	: ATIF ULLAH ZAHIR ULLAH	File. No.	: AAL02-327137
DOB/Gender	: 11-01-2000 (23 Yrs 6 Month /Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231910536	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 10-07-2023 22:02	Clinic File No	: 40483
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.93	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.8	g/dl	13.0 - 17.0	Photometry-SLS
HCT	44.9	%	40.0 - 50.0	Hydrodynamic focusing
MCV	91.1	fl	83.0 - 101.0	Calculation
MCH	30.0	pg	27-32	Calculation
MCHC	33.0	g/dL	31.5 - 34.5	Calculation
Platelet Count	244	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	9.55	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	57.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	31.2	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.6	%	2.0-10.0	Flow Cytometry
Eosinophils	3.9	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	5.53	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.98	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.63	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.37	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

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 : 10-07-2023 20:00:00
Authenticated On : 10-07-2023 23:56:18
Printed On : 11-07-2023 00:11:04

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Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
CRP - quant (serum)	0.23	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	Yellow		Yellow	Light Scatter
Appearance	Cloudy		Clear	Light Scatter
Specific Gravity	1.026		1.005 - 1.030	Refractrometry
PH	6.50		4.6 - 8.0	pH.I/Reflectance
Glucose	Negative		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	Trace		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	0 - 1	/HPF	1 - 4	F.D.I/Microscopy
RBC's	2 - 4	/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	++	/HPF	Absent	F.D.I/Microscopy
Trichomonas Vaginalis	Absent	/HPF	Absent	F.D.I/Microscopy
Mucus Threads	++	/HPF	Absent	F.D.I/Microscopy
Amorphous Urates Crystals	++	/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.

Sample Type : Mid-stream Urine

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

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