

LABORATORY REPORT

Name	: AHMED MOHAMED AMER	File. No.	: AAL02-321823
DOB/Gender	: 01-09-1995 (27 Yrs 9 Month 20 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231720233	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 21-06-2023 13:16:00	Clinic File No	: 35231
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.79	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.0	g/dl	13.0 - 17.0	Photometry-SLS
HCT	41.8	%	40.0 - 50.0	Hydrodynamic focusing
MCV	87.3	fl	83.0 - 101.0	Calculation
MCH	29.2	pg	27-32	Calculation
MCHC	33.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	212	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	5.35	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	72.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	12.0 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	13.8 ^H	%	2.0-10.0	Flow Cytometry
Eosinophils	1.3	%	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)	3.88	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	0.64 ^L	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.74	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.07	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:

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 : 21-06-2023 12:00:00
Authenticated On : 21-06-2023 15:31:12

Received On : 21-06-2023 13:27:00
Released On : 21-06-2023 16:25:26



Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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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
CRP - quant (serum)	8.96 ^H	mg/L	< 5.0	Immunoturbidimetric

Remarks:

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Sample Type : Serum

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Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS

Test Name	Result	Units	Ref. Range	Method
<u>URINE ROUTINE (URINALYSIS)</u>				
<u>PHYSICAL EXAMINATION</u>				
Color	Dark Yellow		Yellow	Light Scatter
Appearance	Turbid		Clear	Light Scatter
Specific Gravity	1.019		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	Trace		Negative	Dye Binding
Blood	++		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	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
Bilirubin and Urobilinogen if clinically indicated.

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Test Name	Result	Units	Ref. Range	Method
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Kindly note the new methodology is effective from 31-10-2022.

Remarks:

Presence of Blood in absence of RBCs can be seen in conditions where there is hemolysis of RBCs .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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