

LABORATORY REPORT

Name	: SHAMIM AHMED MOHSIN UDDIN	File. No.	: AAL02-370777
DOB/Gender	: 27-12-1987 (36 Yrs 29 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22240160090	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 16-01-2024 12:33	Clinic File No	: 41823
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.62	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.9 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	41.6	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	90.0	fl	83.0 - 101.0	Calculation
MCH	27.9	pg	27-32	Calculation
MCHC	31.0 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	532 ^H	10 ³ /uL	150 - 400	HF (DCD)
WBC	10.40 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	54.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	34.9	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.8	%	2.0-10.0	Flow Cytometry
Eosinophils	2.2	%	1 - 6	Flow Cytometry
Basophils	0.6	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	5.67	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.63 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.81	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.23	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.06	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.

ERYTHROCYTE SEDIMENTATION RATE (ESR) AUTOMATED

These tests are accredited under ISO 15189:2012 unless specified by (*)

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Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

H/L Collected On : 14-01-2024 12:00:00
Authenticated On : 16-01-2024 17:06:32
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Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Test Name	Result	Units	Ref. Range	Method
ESR (whole blood)	17 ^H	mmhr	up to 10	Modified Westergren

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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	6.59^H	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay

CRP is an acute phase protein whose concentration rises non-specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

Remarks:

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Sample Type : Serum

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Pring

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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	1.020		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.	Negative		Negative	Enz.Rn/Reflect
<u>MICROSCOPIC EXAMINATION</u>				
Pus Cells	4 - 6	/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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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 : Urine

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URETHRAL DISCHARGE CULTURE & SENSITIVITY

Sample Type : **Urethral**
Methodology: Aerobic Culture; Identification by Gram staining; API & AST by Disk diffusion method

Test Name	Result	Units	Ref. Range
Microscopy/Wet Mount:			
PUS Cells	1 - 2	/HPF	1 - 4
Red Cells	0 - 1	/HPF	0 - 2
Epithelial Cells	2 - 4	/HPF	1 - 4

Culture Yielded: Normal flora of skin isolated

Remarks : Kindly note sample received and processed on 14.01.2024.

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

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Reshmi Sekhar
Med Microbiology Technologist
DHA-P-0056879