

LABORATORY REPORT

Name	: SUBHON KONDAUROV	File. No.	: AAL02-402071
DOB/Gender	: 21-12-2001 (22 Yrs 6 Month 5 Days/Male)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22241780180	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 26-06-2024 14:13:14	Clinic File No	: 43443
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.13 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	17.7 ^H	g/dl	13.0 - 17.0	Photometry-SLS
HCT	54.5 ^H	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	88.9	fl	83.0 - 101.0	Calculation
MCH	28.9	pg	27-32	Calculation
MCHC	32.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	192	10 ³ /uL	150 - 400	HF (DCD)
WBC	8.67	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	60.0	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	29.9	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.2	%	2.0-10.0	Flow Cytometry
Eosinophils	2.7	%	1 - 6	Flow Cytometry
Basophils	0.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	5.21	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.59	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.62	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.23	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.

ERYTHROCYTE SEDIMENTATION RATE (ESR) AUTOMATED

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

Patient Sample Collected On : 26-06-2024 10:00:00
Authenticated On : 26-06-2024 16:46:27

Received On : 26-06-2024 14:29:00
Released On : 26-06-2024 17:05:21

Wasik

Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673

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Test Name	Result	Units	Ref. Range	Method
ESR (whole blood)	3	mmhr	up to 10	Modified Westergren

Sample Type : EDTA WB

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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	1.017		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	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	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 that there are chances of false negative result for *Trichomonas vaginalis*, as *Trichomonas vaginalis* viability is temperature and time sensitive.

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

Sample Type : Urine

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RENAL FUNCTION PANEL (RANDOM) CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Albumin	4.81	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	10.10	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	100.70	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.96	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Phosphorous	4.19	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Potassium (serum)	5.42	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Sodium	139.40	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
*Total CO2 (Bicarbonate)	25.60	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Urea	48.10 ^H	mg/dL	12.86 - 42.64	Urease/GLDH

Please note Reference Range Reviewed w.ef 15/10/23

Remarks:

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Sample Type : Serum

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

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