

LABORATORY REPORT

Name	: NOOR ULLAH MUHAMMAD ZAHOOR	File. No.	: AAL02-412705
DOB/Gender	: 25-10-1993 (30 Yrs 10 Month 7 Days/Male)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22242450181	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 01-09-2024 15:45:34	Clinic File No	: 43990
Insurance	: MEDNET		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.78 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.3 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	39.8 ^L	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	58.7 ^L	fl	83.0 - 101.0	Calculation
MCH	18.1 ^L	pg	27-32	Calculation
MCHC	30.9 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	187	10 ³ /uL	150 - 400	HF (DCD)
WBC	10.14 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	74.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	20.6	%	20.0 - 40.0	Flow Cytometry
Monocytes	4.4	%	2.0-10.0	Flow Cytometry
Eosinophils	0.1 ^L	%	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)	7.57 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.09	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.45	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.01 ^L	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 pertain 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 : 01-09-2024 12:00:00
Authenticated On : 01-09-2024 20:15:01

Received On : 01-09-2024 15:46:00
Released On : 01-09-2024 20:53:09



Rhea Suberon
Medical Laboratory Technician
DHA-P-0123639

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Test Name	Result	Units	Ref. Range	Method
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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	Yellow		Yellow	Light Scatter
Appearance	Clear		Clear	Light Scatter
Specific Gravity	1.018		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	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	8 - 10	/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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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.

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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