

LABORATORY REPORT

Name	: OMAR RAFAT MOHAMED KHAMIS SILAMAN	File. No.	: AAL02-390005
DOB/Gender	: 17-07-1997 (27 Yrs 3 Month 16 Days/Male)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22242850176	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 11-10-2024 14:42:18	Clinic File No	: 42976
Insurance	: ALMADALLAH HEALTHCARE MANAGEMENT		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.01 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	17.1 ^H	g/dl	13.0 - 17.0	Photometry-SLS
HCT	50.3 ^H	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	83.7	fl	83.0 - 101.0	Calculation
MCH	28.5	pg	27-32	Calculation
MCHC	34.0	g/dL	31.5 - 34.5	Calculation
Platelet Count	313	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.29	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	45.3	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	45.0 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.8	%	2.0-10.0	Flow Cytometry
Eosinophils	1.6	%	1 - 6	Flow Cytometry
Basophils	0.3	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.30	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.28 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.57	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.12	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

Patient Sample Collected On : 11-10-2024 11:00:00
Authenticated On : 11-10-2024 15:58:20

Received On : 11-10-2024 14:49:00
Released On : 11-10-2024 17:03:51

Pring

Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011

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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
C-Reactive Protein (CRP)	2.19	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

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	Dark Yellow		Yellow	Light Scatter
Appearance	Slightly-Cloudy		Clear	Light Scatter
Specific Gravity	1.027		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	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	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	+++	/HPF	Absent	F.D.I/Microscopy
Calcium Oxalate 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

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.

Sample Type : Urine

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

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