

LABORATORY REPORT

Name	: MUNEER MUNNADATH PARAMBA	File. No.	: AAL02-1313982
DOB/Gender	: 24-01-1974 (51 Yrs 4 Month 24 Days/Male)	Referral Doctor	: Dr. Aisha Umer
Lab No.	: 22251680155	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 17-06-2025 14:17:48	Clinic File No	: 27702
Insurance	: ALMADALLAH HEALTHCARE MANAGEMENT		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.33	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.9	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.2	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	79.2 ^L	fl	83.0 - 101.0	Calculation
MCH	28.0	pg	27-32	Calculation
MCHC	35.3 ^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	277	10 ³ /uL	150 - 400	HF (DCD)
WBC	10.31 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	41.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	47.6 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.1	%	2.0-10.0	Flow Cytometry
Eosinophils	2.0	%	1 - 6	Flow Cytometry
Basophils	0.6	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.30	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	4.91 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.83	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.21	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.06	10 ³ /uL	0.02 - 0.10	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.

Sample Type : EDTA WB

These tests are accredited under ISO 15189:2022 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 : 16-06-2025 22:41:00
Authenticated On : 17-06-2025 15:26:07

Received On : 17-06-2025 14:27:00
Released On : 17-06-2025 15:58:06

Priya

Padmapriya Kumaresan
Sr. Technician
DHA-P-2992011

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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	Slightly-Cloudy		Clear	Light Scatter
Specific Gravity	1.015		1.005 - 1.030	Refractrometry
PH	5.50		4.6 - 8.0	Litmus reaction
Glucose	Trace		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	+		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	4 - 6	/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
Calcium Oxalate Crystals	Rare	/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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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	269.00^H	mg/dL	Desirable: < 200 Borderline: 200-239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	227.00^H	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: >or =500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	45.00	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	203.00^H	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	21.00	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	5.98^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

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

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