

CONFIDENTIAL LABORATORY REPORT

Patient Name	: Mrs. SURRAINA	Request Date	: 09/03/2025 15:24
Age / Sex	: 40 Y / Female	Collected Date	: 09/03/2025 14:23
DOB	: 16/08/1984	Acceptance Date	: 09/03/2025 15:44
Referral Doctor	:	Report Date	: 09/03/2025 18:48
Referrer	: CITICARE MEDICAL CENTER L.L.C	Report Status	: Final Report
SID.No.	: FD016173	External Visit Id	: 46104
Patient No	: FCL016236		

INVESTIGATION / SPECIMEN	RESULT	UNIT	REFERENCE RANGE	METHOD
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HAEMATOLOGY

**CITICARE PREMIUM PACKAGE
COMPLETE BLOOD COUNT (CBC)**

EDTA Whole Blood

HEMOGLOBIN	13.6	g/dL	12 - 15.5	Colorimetric
RBC COUNT	4.51	10 ⁶ /uL	3.5 - 5.5	EI
HEMATOCRIT	41.3	%	37 - 54	Calculation
MCV	91.5	fL	80 - 100	Calculation
MCH	30.3	pg	27 - 34	Calculation
MCHC	33.1	g/dL	32 - 36	Calculation
RDW	12.8	%	11 - 16	Calculation
MPV	9.2	fL	8 - 12	Calculation
PLATELET COUNT	364	10 ³ /uL	140 - 450	EI
WBC COUNT	4.05	10 ³ /uL	4 - 10	EI

DIFFERENTIAL COUNT (DC)

EDTA Whole Blood

NEUTROPHILS	49.1	%	50 - 70	Flow Cytometry
LYMPHOCYTES	44.3	%	20 - 40	Flow Cytometry
EOSINOPHILS	0.6	%	0.5 - 5	Flow Cytometry
MONOCYTES	5.4	%	3 - 12	Flow Cytometry
BASOPHILS	0.6	%	0 - 1	Flow Cytometry
ABSOLUTE NEUTROPHIL COUNT	1.99	10 ³ cells/uL	2 - 7	
ABSOLUTE LYMPHOCYTE COUNT	1.8	10 ³ cells/uL	0.8 - 4	
ABSOLUTE MONOCYTE COUNT	0.22	10 ³ cells/uL	0.12 - 1.2	
ABSOLUTE EOSINOPHIL COUNT	0.02	10 ³ cells/uL	0.02 - 0.5	
ABSOLUTE BASOPHIL COUNT	0.02	10 ³ cells/uL	0 - 0.1	

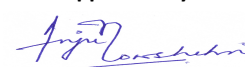
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Microbiology Technologist
17945483



Approved By



Dr Anjum Nawshehri
Laboratory Director
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CLINICAL BIOCHEMISTRY				
CITICARE PREMIUM PACKAGE				
GLUCOSE (FASTING) Fluoride Plasma	91.1	mg/dL	70 - 110	GOD - POD
GLYCATED HEMOGLOBIN (HbA1C) ^ EDTA Whole Blood				
HBA1C	5.1	%	Normal:4.6-5.6 Prediabetes: 5.7- 6.4 Diabetes: >6.5	HPLC
eAG (estimated Average Glucose)	100	%		Calculation
UREA	31.118	mg/dL	16.87 - 43.37	Urease-glutamate Dehydrogenase, UV method
Serum CREATININE	0.69	mg/dL	0.5 - 1.1	Sarcosine Oxidase
Serum URIC ACID	5.55	mg/dL	1.9 - 7.5	Uricase - POD
Serum SODIUM (NA)	138	mmol/L	136 - 145	ISE (Indirect)
Serum POTASSIUM (K)	4.8	mmol/L	3.5 - 5.1	ISE (Indirect)
Serum CHLORIDE (CL)	102	mmol/L	98 - 107	ISE (Indirect)
Serum CALCIUM	9.76	mg/dL	8.7 - 10.7	Arsenazo III
Serum IRON	78.4	ug/dL	37 - 145	Ferrozine
Serum CHOLESTEROL (TOTAL)	163	mg/dL	Desirable: < 200 Borderline High: 200 - 239 High: > 239	CHOD-POD
Serum				

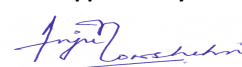
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CLINICAL BIOCHEMISTRY				
CITICARE PREMIUM PACKAGE				
TRIGLYCERIDES	51	mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 499	GPO-POD
Serum HDL CHOLESTEROL	68.2	mg/dL	Optimum>60 Borderline : 50-59 High risk : <50	Direct
Serum LDL CHOLESTEROL	81.4	mg/dl	Optimal: < 100 Near/Above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: > 189	Direct
Serum VLDL CHOLESTEROL	10.20	mg/dL	0 - 30	Calculation
Serum BILIRUBIN (TOTAL)	0.59	mg/dL	Up to 1.2	DSA
Serum BILIRUBIN (DIRECT)	0.17	mg/dL	0.00 - 0.4	DSA
Serum INDIRECT BILIRUBIN	0.42	mg/dL	< or = 0.90	Calculation
Serum TOTAL PROTEIN	7.6	g/dL	6 - 8	Biuret
Serum ALBUMIN (SERUM)	4.9	g/dL	3.5 - 4.8	Bromcresol green (BCG)
Serum GLOBULIN	2.7	g/dL	2.0 - 3.5	Calculation
Serum ALBUMIN / GLOBULIN RATIO	1.8	NULL	0.8 - 2.0	Calculation
Serum ALT / SGPT	14.4	U/L	10 - 40	IFCC

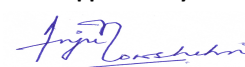
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CLINICAL BIOCHEMISTRY

CITICARE PREMIUM PACKAGE

Serum				
ALP (ALKALINE PHOSPHATASE)	65.4	U/L	30 - 115	IFCC
Serum				
GGT (GAMMA GLUTAMYL TRANSFERASE)	18.8	U/L	7 - 50	IFCC
Serum				
AST / SGOT	15.7	U/L	10 - 40	IFCC
Serum				

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CLINICAL PATHOLOGY

CITICARE PREMIUM PACKAGE

URINE ANALYSIS (ROUTINE)

URINE

MACROSCOPIC EXAMINATION

COLOR	yellow	Pale to Dark Yellow
APPEARANCE	slight hazy	Clear

CHEMISTRY EXAMINATION

SPECIFIC GRAVITY	1.010	1.002 - 1.035
PH	6.5	4.5 - 8.0
GLUCOSE	negative	Negative
BLOOD	negative	Negative
PROTEIN	negative	Negative
LEUKOCYTE	negative	Negative
UROBILINOGEN	negative	Negative
BILIRUBIN	negative	Negative
KETONE	negative	Negative
NITRITE	negative	Negative

MICROSCOPIC EXAMINATION

PUS CELLS	4-6	Cell/HPF	1 - 4
RBC	0-1	Cell/HPF	0 - 2
EPITHELIAL CELLS	6-8	Cell/HPF	0 - 5
BACTERIA	+	/HPF	Absent
CASTS	absent	/HPF	Absent
CRYSTALS	absent	/HPF	Absent
OTHERS	absent	/HPF	

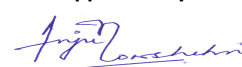
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