

CONFIDENTIAL LABORATORY REPORT

Patient Name	: Ms. OLENA KALAHURSKA	Request Date	: 31/05/2025 14:33
Age / Sex	: 25 Y / Female	Collected Date	: 31/05/2025 14:31
DOB	: 13/01/2000	Acceptance Date	: 31/05/2025 14:48
Referral Doctor	:	Report Date	: 31/05/2025 19:59
Referrer	: CITICARE MEDICAL CENTER L.L.C	Report Status	: Final Report
SID.No.	: FD024932	External Visit Id	: 45025
Patient No	: FCL025067		

INVESTIGATION / SPECIMEN	RESULT	UNIT	REFERENCE RANGE	METHOD
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HAEMATOLOGY

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

EDTA Whole Blood

HEMOGLOBIN	13.9	g/dL	12 - 15.5	Colorimetric
RBC COUNT	4.67	10 ⁶ /uL	3.5 - 5.5	EI
HEMATOCRIT	42.5	%	37 - 54	Calculation
MCV	91	fL	80 - 100	Calculation
MCH	29.8	pg	27 - 34	Calculation
MCHC	32.7	g/dL	32 - 36	Calculation
RDW	13.3	%	11 - 16	Calculation
MPV	10	fL	8 - 12	Calculation
PLATELET COUNT	239	10 ³ /uL	140 - 450	EI
WBC COUNT	6.53	10 ³ /uL	4 - 10	EI

DIFFERENTIAL COUNT (DC)

EDTA Whole Blood

NEUTROPHILS	55.6	%	50 - 70	Flow Cytometry
LYMPHOCYTES	36	%	20 - 40	Flow Cytometry
EOSINOPHILS	1.1	%	0.5 - 5	Flow Cytometry
MONOCYTES	7	%	3 - 12	Flow Cytometry
BASOPHILS	0.3	%	0 - 1	Flow Cytometry
ABSOLUTE NEUTROPHIL COUNT	3.63	10 ³ cells/uL	2 - 7	
ABSOLUTE LYMPHOCYTE COUNT	2.35	10 ³ cells/uL	0.8 - 4	
ABSOLUTE MONOCYTE COUNT	0.46	10 ³ cells/uL	0.12 - 1.2	
ABSOLUTE EOSINOPHIL COUNT	0.07	10 ³ cells/uL	0.02 - 0.5	
ABSOLUTE BASOPHIL COUNT	0.02	10 ³ cells/uL	0 - 0.1	

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Sheena

Medical Laboratory Technologist



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Dr Anjum Nawshehri

Laboratory Director

DHA-00208333-004

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CLINICAL BIOCHEMISTRY
CITICARE PULSEFIT PACKAGE

GLYCATED HEMOGLOBIN (HbA1C) ^

EDTA Whole Blood

HBA1C	5.0	%	Normal:4.6-5.6 Prediabetes: 5.7- 6.4 Diabetes: >6.5	HPLC
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eAG (estimated Average Glucose)	97	%		Calculation
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BLOOD UREA NITROGEN (SERUM)

Serum

UREA	17.3	mg/dL	16.87 - 43.37	Urease-glutamate Dehydrogenase, UV method
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BUN	8.1	mg/dL	7 - 18	Calculation
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CREATININE	0.87	mg/dL	0.5 - 1.1	Sarcosine Oxidase
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Serum

BUN/CREATININE RATIO	9.3	NULL	Prerenal: > 20:1 Normal or Postrenal: 10-20:1 Intrarenal: < 10:1	Calculation
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Serum

URIC ACID	4.77	mg/dL	1.9 - 7.5	Uricase - POD
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Serum

IRON	97	ug/dL	37 - 145	Ferrozine
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Serum

CHOLESTEROL (TOTAL)	198.2	mg/dL	Desirable: < 200 Borderline High: 200 - 239 High: > 239	CHOD-POD
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Serum

NON-HDL CHOLESTEROL	119.9	mg/dL	< 140	Calculation
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Serum

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CLINICAL BIOCHEMISTRY				
CITICARE PULSEFIT PACKAGE				
TRIGLYCERIDES	48.8	mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 499	GPO-POD
Serum HDL CHOLESTEROL	78.3	mg/dL	Optimum>60 Borderline : 50-59 High risk : <50	Direct
Serum LDL CHOLESTEROL	110.1	mg/dl	Optimal: < 100 Near/Above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: > 189	Direct
Serum VLDL CHOLESTEROL	9.76	mg/dL	0 - 30	Calculation
Serum LDL / HDL RATIO	1.4	--	< 3.5	Calculation
Serum				

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CLINICAL BIOCHEMISTRY

CITICARE PULSEFIT PACKAGE

TOTAL CHOLESTEROL / HDL RATIO	2.5	--	< 4.5	Calculation
Serum				

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CLINICAL BIOCHEMISTRY				
CITICARE PULSEFIT PACKAGE				
BILIRUBIN (TOTAL)	1.61	mg/dL	Up to 1.2	DSA
Serum				
BILIRUBIN (DIRECT)	0.28	mg/dL	0.00 - 0.4	DSA
Serum				
INDIRECT BILIRUBIN	1.33	mg/dL	< or = 0.90	Calculation
Serum				
TOTAL PROTEIN	7.1	g/dL	6 - 8	Biuret
Serum				
ALBUMIN (SERUM)	4.2	g/dL	3.5 - 4.8	Bromcresol green (BCG)
Serum				
GLOBULIN	2.9	g/dL	2.0 - 3.5	Calculation
Serum				
ALBUMIN / GLOBULIN RATIO	1.45	NULL	0.8 - 2.0	Calculation
Serum				
ALT / SGPT	9.1	U/L	10 - 40	IFCC
Serum				
ALP (ALKALINE PHOSPHATASE)	52.8	U/L	30 - 115	IFCC
Serum				
GGT (GAMMA GLUTAMYL TRANSFERASE)	14.5	U/L	7 - 50	IFCC
Serum				
AST / SGOT	16.9	U/L	10 - 40	IFCC
Serum				

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ENDOCRINOLOGY

CITICARE PULSEFIT PACKAGE

TRIIODOTHYRONINE, TOTAL (T3) Serum	0.92	ng/mL	0.8 - 1.9	CLIA
THYROXINE, TOTAL (T4) Serum	6.4	ug/dL	5 - 13	CLIA
THYROID STIMULATING HORMONE (TSH) Serum	0.687	μIU/mL	0.35 - 4.75	CLIA
FOLLICLE STIMULATING HORMONE (FSH) Serum	2.68	mIU/mL	Follicular phase: 2.50 - 11.40 Midcycle Peak: 3.3 - 21.7 Luteal Phase: 1.2 - 7.0 Postmenopausal: 18.8 - 132.0	CLIA
LUTEINISING HORMONE (LH) Serum	2.991	mIU/mL	Follicular phase: 1.2 - 12.7 Midcycle Peak: 15.2 - 90.0 Luteal Phase: 0.5 - 14.6 Postmenopausal: 15.6 - 72.0	CLIA
PROLACTIN Serum	249.549	uIU/mL	51 - 580	CLIA
TESTOSTERONE (TOTAL) Serum	0.19	ng/mL	0.1 - 0.9	CLIA
VITAMIN B12 Serum	404.566	pg/mL	164 - 905	CLIA
VITAMIN D, 25-OH (TOTAL) Serum	34	ng/mL	Deficient : < 20 Insufficient: 20 - 30 Sufficient : 30 - 100 Upper Safety Limit:: > 100	CLIA

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ENDOCRINOLOGY

CITICARE PULSEFIT PACKAGE

BETA HCG	0.001	mIU/mL	Non-Pregnant Females: <2.9 Week after LMP 1-10 weeks 195 - 229796 11-15 weeks 22305 - 233036 16-22 weeks 7902 - 49645 23-40 weeks 1580 - 48608	CLIA
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Serum

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ENDOCRINOLOGY				
CITICARE PULSEFIT PACKAGE				
ESTRADIOL (E2)	85.6	pg/mL	Follicular Phase: 30 - 150 Mid Cycle Peak: 60 - 480 Luteal Phase: 45 - 250 Post Menopausal: < 60.0	CLIA
Serum				

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