



PATIENT NAME	PATIENT, TEST	ACCESSION	23082300001
PATIENT DOB	Aug. 22, 1977	ORDER CODE	GN23-0000222
PATIENT GENDER	F	SAMPLE TYPE & SOURCE	Serum Whole Blood
PATIENT PHONE		COLLECTED	08-23-2023, 01:00PM (CDT) 08-23-2023, 01:00PM (CDT)
PATIENT ALT ID		RECEIVED	08-23-2023, 01:45PM (CDT)
ACCOUNT	Longevity Lab Solutions	REPORTED	08-23-2023, 01:21PM (CDT)
PROVIDER	LONGEVITY LAB-SOLUTIONS		
PATIENT FASTING	N		
REPORT STATUS	FINAL		

TEST INFORMATION FEMALE ELITE WELLNESS: COMPLETE BLOOD COUNT, COMPREHENSIVE METABOLIC PANEL, HORMONE PANEL, LIPID PANEL, TESTS, ADDITIONAL

DIAGNOSIS CODES

TESTS	RESULT	UNIT	FLAG	REFERENCE
COMPLETE BLOOD COUNT				
WHITE BLOOD CELL COUNT (WBC)	6.93	x10 ³ /μL		3.77 - 11.03
LYMPHOCYTE %	32.28	%		18.51 - 48.98
MONOCYTE %	4.83	%		4.72 - 11.35
NEUTROPHIL%	59.71	%		41.35 - 72.27
EOSINIPHIL %	2.83	%		0.71 - 6.09
BASOPHIL %	0.36	%		0.05 - 0.47
LYMPHOCYTE #	2.24	x10 ³ /μL		1.16 - 3.78
MONOCYTE #	0.33	x10 ³ /μL		0.28 - 0.83
NEUTROPHIL #	4.14	x10 ³ /μL		2.03 - 7.67
EOSINOPHIL #	0.20	x10 ³ /μL		0.04 - 0.42
BASOPHIL #	0.02	x10 ³ /μL		0.00 - 0.03
RED BLOOD CELL COUNT (RBC)	5.41	x10⁶/μL	H	3.83 - 5.06
HEMOGLOBIN (HGB)	15.28	g/dL	H	11.59 - 15.11
HEMATOCRIT (HCT)	48.5	%	H	34.6 - 44.1
MEAN CORPUSCULAR VOLUME (MCV)	89.7	fL		80.0 - 98.0
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	28.2	pg		26.6 - 33.5
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	31.5	g/dL	L	32.9 - 35.4
RED BLOOD CELL DISTRIBUTION WIDTH (RDW)	16.2	%	H	12.6 - 15.6



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RED BLOOD CELL DISTRIBUTION WIDTH-STANDARD DEVIATION (RDWSD)	51.6			38.9 -50.6
PLATELETS	93.6	10⁹/μL	L	169.1 - 368.3
MEAN PLATELET VOLUME (MPV)	12.13	fL	H	7.45 - 10.84
COMPREHENSIVE METABOLIC PANEL				
ALBUMIN	4.2	g/dL		3.2 - 5.4
ALKALINE PHOSPHATASE (ALP)	100	U/L		42 - 141
ALANINE TRANSAMINASE (ALT)	15	U/L		≤ 34
ASPARTATE TRANSAMINASE (AST)	22	U/L		< 31
BILIRUBIN DIRECT	0.0	mg/dL		0.0 - 0.2
BILIRUBIN TOTAL	0.5	mg/dL		0.1 - 1.2
BLOOD UREA NITROGEN (BUN)	9	mg/dL		8 - 20
CALCIUM	9.0	mg/dL		8.6 - 10.3
CARBON DIOXIDE	25	mmol/L		22 - 29
CREATININE	0.70	mg/dL		0.50 - 0.90
GLUCOSE	85	mg/dL		70 - 105
IRON	50	μg/dL		23 - 165
PROTEIN, TOTAL	7.0	g/dL		6.4 - 8.3
CHLORIDE	105	mmol/L		101 - 110
POTASSIUM	4.0	mmol/L		3.7 - 5.5
SODIUM	140	mmol/L		136 - 145



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ALBUMIN/GLOBULIN CALCULATED	1.5			0.8 - 3.0
BLOOD UREA NITROGEN/CREATININE CALCULATED	17	mg/dL		6 - 22
EGFR	108	mL/min/ 1.73m ²		> 89
VITAMIN AND MINERAL PANEL				
CALCIUM	9.0	mg/dL		8.6 - 10.3
FOLATE (VITAMIN B9)	6.0	ng/mL		5.9 - 24.8
IRON	50	µg/dL		23 - 165
MAGNESIUM		mg/dL		1.9 - 2.5
PHOSPHORUS	5.0	mg/dL	H	2.7 - 4.5
VITAMIN B 12	300	pg/mL		180 - 914
VITAMIN D, 25-OH		ng/mL	C	30 - 100
HORMONE PANEL				
ESTRADIOL	20.0	pg/mL		19.3 - 662
<small>Non pregnant Adult Female Follicular Phase: 20.0 - 157 Non pregnant Adult Female Luteal Phase: 19.0 - 22 Non pregnant Adult Female Luteal Phase: 25.8 - 200 Postmenopausal Adult Female: ≤ 30 (Not on HRT)</small>				
FOLLICLE STIMULATING HORMONE (FSH)	15.0	mIU/mL		1.8 - 22.5
<small>Non pregnant Adult Female Follicular Phase: 3.85 - 8.78 Non pregnant Adult Female Luteal Phase: 4.54 - 22.51 Non pregnant Adult Female Luteal Phase: 1.79 - 5.12 Postmenopausal Adult Female: 16.74 - 113.59</small>				
LUTEINIZING HORMONE (LH)	7.0	mIU/mL		1.2 - 103



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Non pregnant Adult Female Follicular Phase: 2.12 - 10.89 Non pregnant Adult Female Ovulatory Peak: 19.18 - 103.03 Non pregnant Adult Female Luteal Phase: 1.20 - 12.86 Postmenopausal Adult Female: 10.87 - 58.64				
PROGESTERONE	17.00	ng/mL		0.31 - 18.56
Non pregnant Adult Female Follicular Phase: 0.31 - 1.52 Non pregnant Adult Female Luteal Phase: 5.16 - 18.56 Postmenopausal Adult Female: 0 - 0.78 (Not on HRT)				
TESTOSTERONE	20	ng/dL		10 - 75
CORTISOL		µg/dL		AM: 6.7-22.6 / PM: <10
DEHYDROEPIANDROSTERONE SULFATE (DHEA-S)		µg/dL	H	19 - 231
INSULIN, ULTRA SENSITIVE	15.0	µIU/mL		1.9 - 23
SEX HORMONE BINDING GLOBULIN (SHBG)	129.9	nmol/L		18.2 - 135.5
Premenopausal Adult Female: 0.65 - 10.0 Postmenopausal Adult Female: 0.23 - 6.8				
DIHYDROTESTOSTERONE (DHT)	400	pg/mL		≤ 596
Premenopausal Adult Female: ≤ 506 Postmenopausal Adult Female: ≤ 166.4				
FREE ESTRONE	100.0	pg/mL		≤ 210
ESTRONE	105.0	pg/mL		19.5 - 231.9
Non Pregnant Adult Female Follicular Phase: 29.8 - 146.7 Non Pregnant Adult Female Ovulation: 20.9 - 232.0 Non Pregnant Adult Female Luteal Phase: 27.2 - 173.8 Postmenopausal Adult Female: ≤ 166.4				
TRIIODOTHYRONINE, FREE (FREE T3)	2.8	pg/mL		2.5 - 3.9



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THYROXINE, FREE (FREE T4)	0.80	ng/dL		0.54 - 1.24
PREGNENOLONE	200.0	ng/mL		10 - 380
REVERSE T3	15.0	ng/dL		9.8 - 21.8
TESTOSTERONE, FREE	0.13	ng/dL		0.08 - 0.92
TESTOSTERONE, FREE %	0.7	%		<3.0
THYROID STIMULATING HORMONE(TSH)	2.00	mIU/mL		0.45 - 5.33
BIOAVAILABLE TESTOSTERONE	3.00	ng/dL		0.08 - 4.0
BIOAVAILABLE TESTOSTERONE %	15	%		0 - 100
INSULIN-LIKE GROWTH FACTOR I (IGF-1)		ng/mL		82 - 310
PROLACTIN	8.00	ng/mL		3.34 - 26.72
Premenopausal Adult Female: 3.34 - 26.72 Postmenopausal Adult Female: 2.74 - 16.64				
GROWTH HORMONE (GH)	0.500	ng/mL		0.010 - 3.607
LIPID PANEL				
CHOLESTEROL (TOTAL)	100	mg/dL		≤ 200
HDL CHOLESTEROL	40	mg/dL		30 - 85
TRIGLYCERIDES	120	mg/dL		0 - 149
CHOLESTEROL/HDL CALCULATED	2			0 - 4
LDL CALCULATED	36	mg/dL		0 - 129
VLDL CALCULATED	24	mg/dL		2 - 30
TESTS, ADDITIONAL				
GAMMA-GLUTAMYL TRANSFERASE (GGT)	15	U/L		0 - 38



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TESTS	RESULT	UNIT	FLAG	REFERENCE
% SATURATED TRANSFERRIN	15			20 - 50
TOTAL IRON BINDING CAPACITY (TIBC)	325	µg/dL		250 - 450
TRANSFERRIN	300	µg/dL		260 - 400
URIC ACID	6.0	mg/dL		2.6 - 6.0

----- **END OF REPORT** -----

Tests were developed and performance characteristics determined by Longevity Lab-Solutions. Tests were performed in a CLIA certified laboratory and are intended for clinical purposes.

SAMPLE