



<b>PATIENT NAME</b>	PATIENT, TEST	<b>ACCESSION</b>	23111000001
<b>PATIENT DOB</b>	Oct. 11, 1950	<b>ORDER CODE</b>	GN23-0000286
<b>PATIENT GENDER</b>	F	<b>SAMPLE TYPE &amp; SOURCE</b>	Serum
<b>PATIENT PHONE</b>		<b>COLLECTED</b>	11-10-2023, 12:00PM (CST)
<b>PATIENT ALT ID</b>		<b>RECEIVED</b>	11-10-2023, 01:27PM (CST)
<b>ACCOUNT</b>	LONGEVITY LAB-SOLUTIONS	<b>REPORTED</b>	11-13-2023, 01:09PM (CST)
<b>PROVIDER</b>	Longevity Lab-Solutions		
<b>PATIENT FASTING</b>	N		
<b>REPORT STATUS</b>	FINAL		

<b>TEST INFORMATION</b>	LONGEVITY HORMONE PANEL	<b>DIAGNOSIS CODES</b>	
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TESTS	RESULT	UNIT	FLAG	REFERENCE
<b>LONGEVITY HORMONE PANEL</b>				
CORTISOL	10.1	µg/dL		6.7 - 22.6
AM: 6.7 - 22.6 PM: <10				
DEHYDROEPIANDROSTERONE SULFATE (DHEA-S)	128	µg/dL		7 - 177
ESTRADIOL	5.0	pg/mL		≤ 30 (Not on HRT)
Non pregnant Adult Female Follicular Phase: 20.0 - 157 Non pregnant Adult Female Ovulatory Peak: 19.3 - 622 Non pregnant Adult Female Luteal Phase: 25.8 - 279 Postmenopausal Adult Female: ≤ 30 (Not on HRT)				
FREE ESTRIOL	39.4	pg/mL		≤ 210
ESTRONE	< 14.8	pg/mL		≤ 166.4 (Not on HRT)
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				
FOLLICLE STIMULATING HORMONE (FSH)	77.6	mIU/mL		16.7 - 113.6
Non pregnant Adult Female Follicular Phase: 3.85 - 8.78 Non pregnant Adult Female Ovulatory Peak: 4.54 - 22.51 Non pregnant Adult Female Luteal Phase: 1.79 - 5.12 Postmenopausal Adult Female: 16.74 - 113.59				
LUTEINIZING HORMONE (LH)	35.2	mIU/mL		10.9 - 58.6
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 - 12.8 Postmenopausal Adult Female: 10.87 - 58.64				
PROGESTERONE	0.20	ng/mL		0.0 - 0.78 (Not on HRT)
Non pregnant Adult Female Follicular Phase: 0.31 - 1.52 Non pregnant Adult Female Luteal Phase: 5.16 - 18.56				



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**TEST INFORMATION** LONGEVITY HORMONE PANEL

**DIAGNOSIS CODES**

TESTS	RESULT	UNIT	FLAG	REFERENCE
Postmenopausal Adult Female: 0 - 0.78 (Not on HRT)				
PREGNENOLONE	50.0	ng/dL		10 - 380
PROLACTIN	15.65	ng/mL		2.74 - 19.64
Premenopausal Adult Female: 3.34 - 26.72 Postmenopausal Adult Female: 2.74 - 19.64 Reference ranges added to the report				
DIHYDROTESTOSTERONE (DHT)	< 17	pg/mL		≤ 431
Premenopausal Adult Female: ≤ 596 Postmenopausal Adult Female: ≤ 431				
<b>SEX HORMONE BINDING GLOBULIN (SHBG)</b>	<b>129.9</b>	<b>nmol/L</b>	<b>H</b>	<b>16.8 - 125.2</b>
Premenopausal Adult Female: 18.2 - 135.5 Postmenopausal Adult Female: 16.8 - 125.2				
<b>TESTOSTERONE</b>	<b>5</b>	<b>ng/dL</b>	<b>L</b>	<b>10 - 75</b>
<b>TESTOSTERONE, FREE</b>	<b>0.03</b>	<b>ng/dL</b>	<b>L</b>	<b>0.06 - 0.38</b>
TESTOSTERONE, FREE %	0.6	%		<3.0
<b>BIOAVAILABLE TESTOSTERONE</b>	<b>0.76</b>	<b>ng/dL</b>	<b>L</b>	<b>1.5 - 9.4</b>
BIOAVAILABLE TESTOSTERONE %	15	%		0 - 100
GROWTH HORMONE (GH)	2.540	ng/mL		0.010 - 3.607
INSULIN, ULTRA SENSITIVE	2.0	μIU/mL		1.9 - 23
INSULIN-LIKE GROWTH FACTOR I (IGF-1)	40	ng/mL		35 - 207
THYROID STIMULATING HORMONE(TSH)	2.56	μIU/mL		0.45 - 5.33
TRIIODOTHYRONINE, FREE (FREE T3)	3.3	pg/mL		2.5 - 3.9
THYROXINE, FREE (FREE T4)	0.89	ng/dL		0.54 - 1.24



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TEST INFORMATION	LONGEVITY HORMONE PANEL	DIAGNOSIS CODES			
TESTS	RESULT	UNIT	FLAG	REFERENCE	
REVERSE T3	14.0	ng/dL		9.8 - 21.8	
THYROGLOBULIN	30.12	ng/mL		1.59 - 50.03	

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

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

