



Patient: **SAMPLE**
PATIENT

DOB:

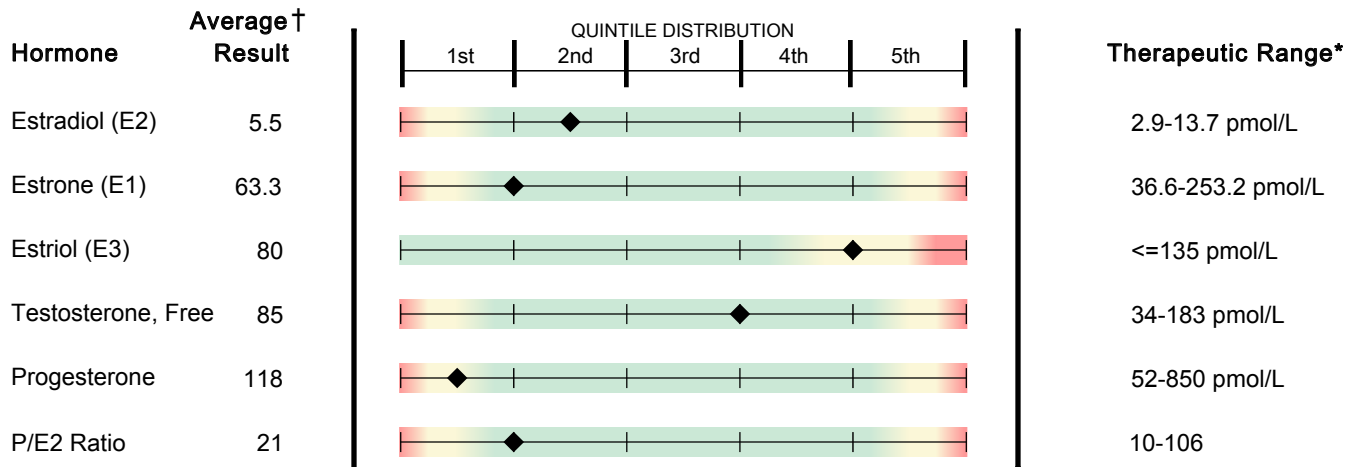
Sex:

MRN:

4100 Menopause Plus Profile - Saliva

Methodology: EIA, LIA

Therapeutic Cohort Results



* The therapeutic ranges depicted are for informational purposes only, and were derived from a cohort of peri/menopausal women ranging in age from 37-62 years. All women were treated with bioidentical hormone therapy (HT) utilizing combinations of the following: Biest (transdermal); Progesterone (oral micronized); Testosterone (transdermal); and 7-keto-DHEA (oral).

† Patient results with Genova's standard reference ranges are reported on the following pages.



Patient: **SAMPLE**
PATIENT

DOB:

Sex:

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4100 Menopause Plus Profile - Saliva

Methodology: EIA, LIA

Salivary Hormone Results

Sample #	Estrone (E1) (pmol/L)	Estradiol (E2) (pmol/L)	Estriol (E3) (pmol/L)	Progesterone (pmol/L)
1	55.0	5.2	80	110
2	60.0	5.6	70	120
3	75.0	5.8	90	125
Average	63.3	5.5	80	118

Average Estradiol ♦ pmol/L

5.5

	Reference Range
Follicular	2.8-8.8 pmol/L
Peak *	4.5-19.1 pmol/L
Luteal	2.8-8.2 pmol/L
Menopausal	3.7-9.4 pmol/L
Male	3.1-7.4 pmol/L
* Peak = Days 11 and 12	

Testosterone, Free ♦ pmol/L

85

	Reference Range
Premenopausal	34-148 pmol/L
Menopausal	34-148 pmol/L
Male	110-513 pmol/L

Average Estrone pmol/L

63.3

	Reference Range
Menopausal	31.9-183.4 pmol/L

Average Progesterone ♦ pmol/L

118

	Reference Range
Follicular	17-321 pmol/L
Peak *	151-829 pmol/L
Luteal	33-452 pmol/L
Menopausal	45-370 pmol/L
Male	31-280 pmol/L
* Peak = Days 18 and 20	

Average Estriol pmol/L

80

	Reference Range
Menopausal	<= 133 pmol/L

P/E2 Ratio

21

	Reference Range
Follicular	10-85
Luteal	8-80
Menopausal	12-62



Commentary

For more information regarding clinical interpretation, please refer to the Endo+ Support Guide at <https://www.gdx.net/core/support-guides/ENDO+Support-Guide.pdf>

The performance characteristics of all assays have been verified by Genova Diagnostics, Inc. Unless otherwise noted with ♦, the assay has not been cleared by the U.S. Food and Drug Administration.

Please note that hormone results which are absent, NR or begin with "<" or ">" are excluded from the calculation of analyte averages.

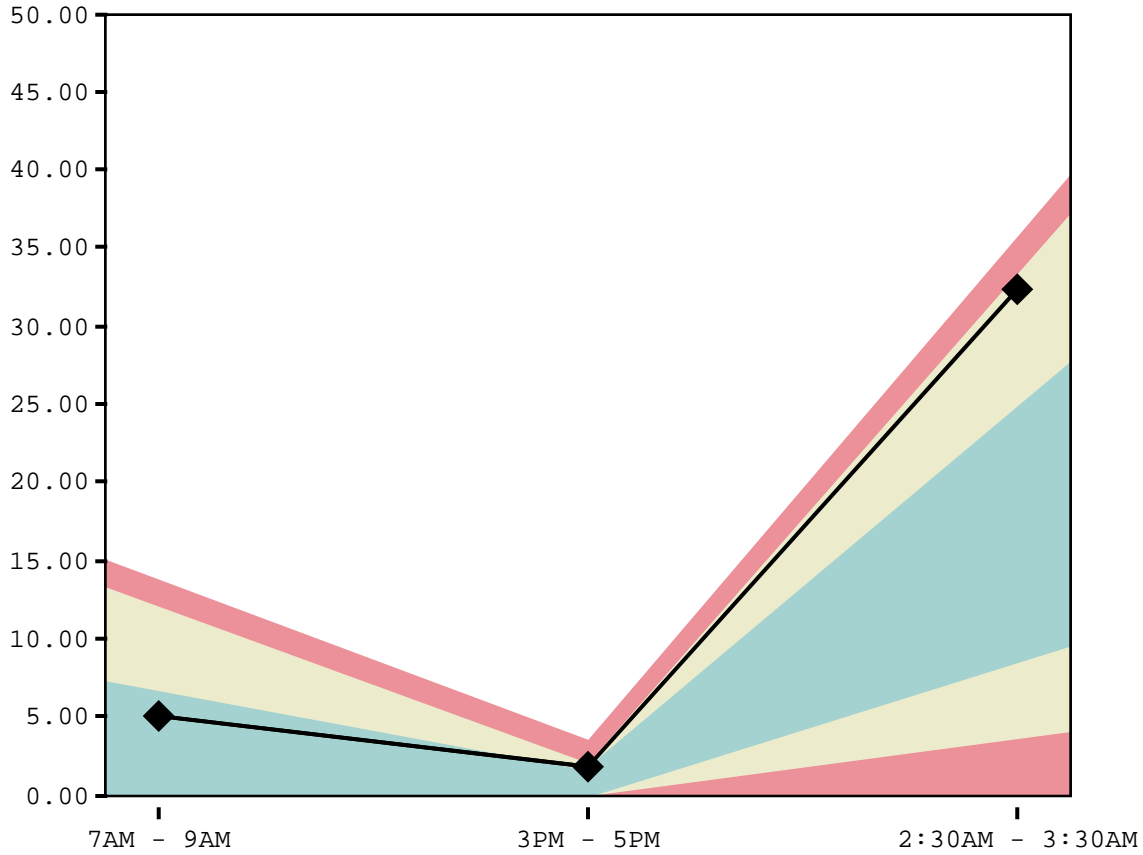
Commentary is provided to the practitioner for educational purposes, and should not be interpreted as diagnostic or as treatment recommendations. Diagnosis and treatment decisions are the practitioner's responsibility.



Comprehensive Melatonin Profile

Methodology: EIA

Salivary Melatonin



Results

	7AM-9AM*	3PM-5PM*	2:30AM - 3:30AM*
Patient Results (pg/mL) >>	5.00	1.80	32.30
Reference Range (pg/mL) <small>*Based on Collection Times</small>	≤12.12	≤1.97	3.71-33.38

Commentary

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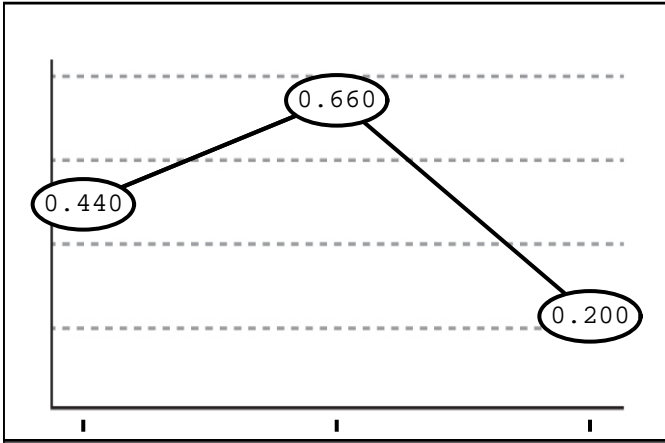


With Optional CAR Add-on

Methodology: EIA

Salivary Cortisol, Cortisol Awakening Response, and DHEA

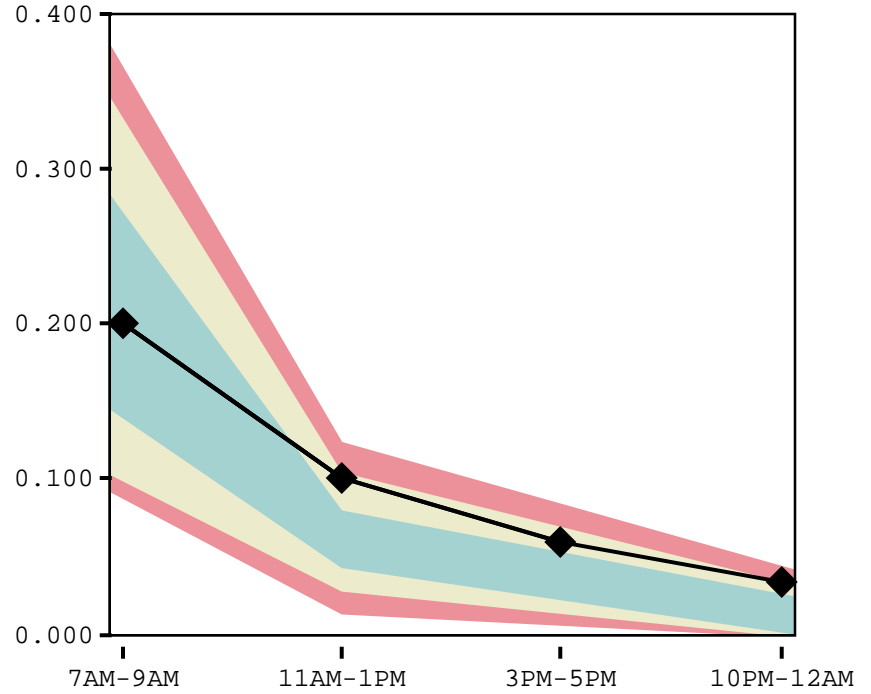
Cortisol Awakening Response



Waking 30 minutes 7AM - 9AM

Percent Increase **Expected:** $\geq 50\%$

Salivary Cortisol



DHEA **Reference Range**

DHEA 7AM - 9AM♦ 71-640 pg/mL

Reference Range

DHEA: Cortisol Ratio/10,000♦ 358-2,538

Results

	Waking	30 Minutes	7AM-9AM*	11AM-1PM*	3PM-5PM*	10PM-12AM*
Patient Result (mcg/dL) >>	0.440	0.660	0.200	0.100	0.060	0.034
Reference Range (mcg/dL) <small>*Based on Collection Times</small>	N/A	N/A	0.097-0.337	0.027-0.106	0.013-0.068	≤ 0.034
Actual Collection Time	6:04AM	6:34AM	7:00AM	11:00AM	3:00PM	11:00PM

Commentary

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Commentary

The **Reference Range** is a statistical interval representing 95% or 2 Standard Deviations (2 S.D.) of the reference population.

One Standard Deviation (1 S.D.) is a statistical interval representing 68% of the reference population. Values between 1 and 2 S.D. are not necessarily abnormal. Clinical correlation is suggested. (See example below)

