

Patient: **SAMPLE**
PATIENT

DOB:

Sex:

MRN:

4106 One Day Hormone Check - Saliva

Methodology: EIA and LIA

Therapeutic Cohort Results

Hormone	Result †	QUINTILE DISTRIBUTION					Therapeutic Range*
		1st	2nd	3rd	4th	5th	
Estradiol (E2)	4.0						2.9-13.7 pmol/L
Estrone (E1)	50.0						36.6-253.2 pmol/L
Estriol (E3)	90						<=135 pmol/L
Testosterone, Free	50						34-183 pmol/L
Progesterone	60						52-850 pmol/L
P/E2 Ratio	15						10-106

* 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.

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Hormone Results

Estradiol ♦ pmol/L

4.0

	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

50

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

Estrone pmol/L

50.0

	Reference Range
Menopausal	31.9-183.4 pmol/L

Progesterone ♦ pmol/L

60

	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	

Estriol pmol/L

90

	Reference Range
Menopausal	<= 133 pmol/L

P/E2 Ratio

15

	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>

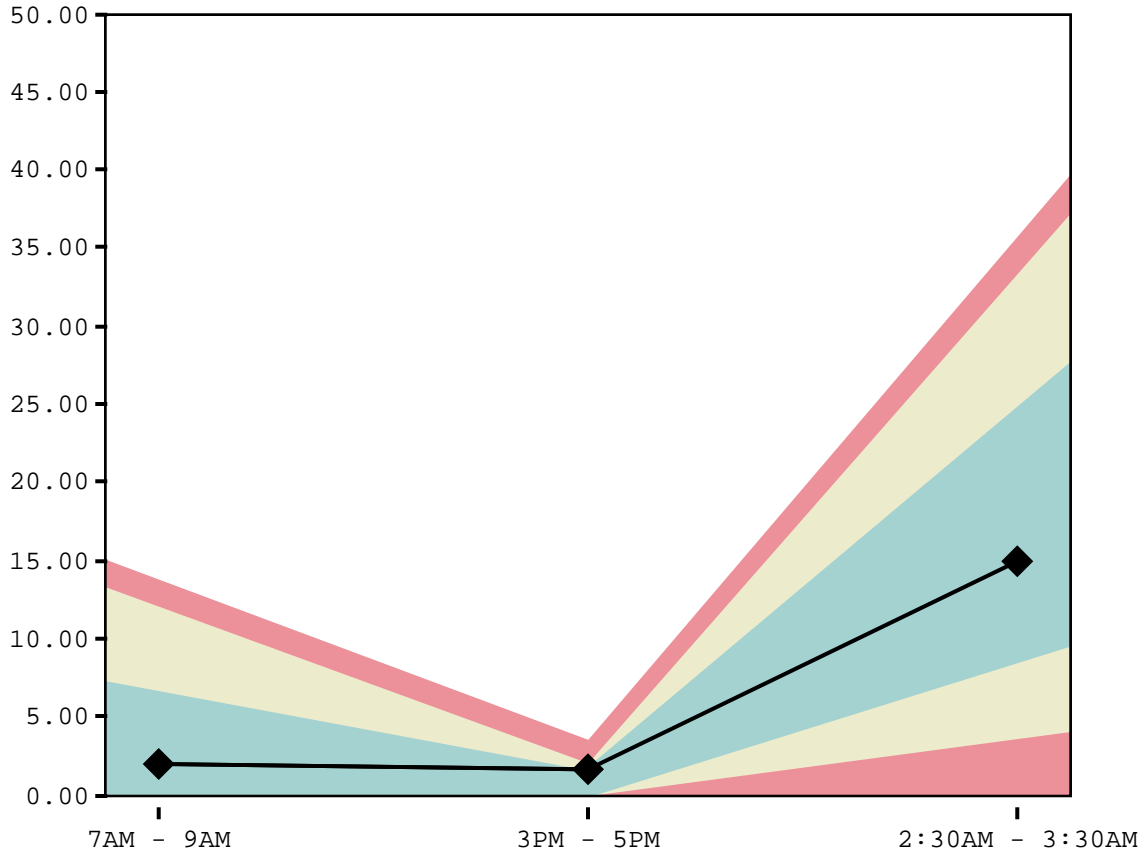
The performance characteristics of all assays have been verified by Genova Diagnostics, Inc. Unless otherwise noted with ♦, the assay has not been cleared by the U.S. Food and Drug Administration.



Comprehensive Melatonin Profile

Methodology: EIA

Salivary Melatonin



Results

	7AM-9AM*	3PM-5PM*	2:30AM - 3:30AM*
Patient Results (pg/mL) >>	2.00	1.60	15.00
Reference Range (pg/mL)	<=12.12	<=1.97	3.71-33.38
<small>*Based on Collection Times</small>			

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>

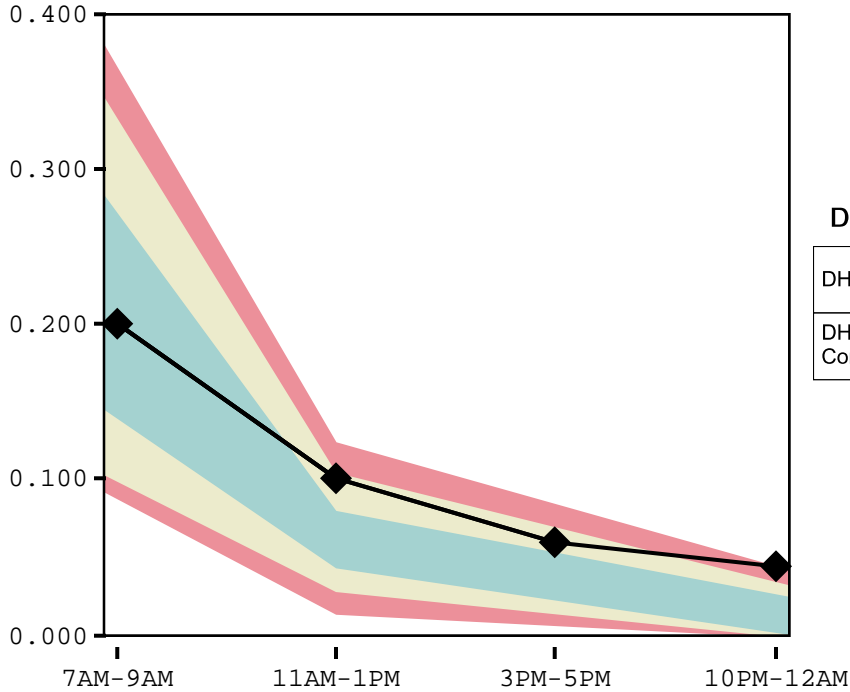
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Methodology: EIA

Salivary Cortisol and DHEA

Cortisol, Free (Salivary)



DHEA

Reference Range

DHEA 7AM - 9AM◆	150	71-640 pg/mL
DHEA: Cortisol Ratio/10,000◆	750	358-2,538

Results

Cortisol, Free (Salivary)	7AM-9AM*	11AM-1PM*	3PM-5PM*	10PM-12AM*
Patient Result (mcg/dL) >>	0.200	0.100	0.060	0.043
Reference Range (mcg/dL) <small>*Based on Collection Times</small>	0.097-0.337	0.027-0.106	0.013-0.068	<=0.034
Actual Collection Time	7:00AM	11:00AM	4:00PM	11:00PM

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>

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



Commentary

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)

