

HPA-G Complete™ (Baseline Report)

Referring Healthcare Provider

Haile Michaelson, ND

Date Collected

Date Received

Report Final

Patient

Sex Hormone Reference Range
Cycling Female

Gender: F

Age: 39

Biomarker

Current
Value

Optimal/Reference Range Guide

Serotonin

75.9

L

75.9

Optimal Range
125 - 260 ug/g Cr

Reference Range
50 - 250 ug/g Cr

GABA

175.3

L

175.3

Optimal Range
600 - 1100 ug/g Cr

Reference Range
150 - 700 ug/g Cr

Dopamine

203.7

L

203.7

Optimal Range
250 - 400 ug/g Cr

Reference Range
100 - 350 ug/g Cr

Norepinephrine

57.8

H

57.8

Optimal Range
30 - 50 ug/g Cr

Reference Range
13 - 70 ug/g Cr

Epinephrine

3.0

L

3.0

Optimal Range
10 - 15 ug/g Cr

Reference Range
3 - 20 ug/g Cr

Glutamate

2.5

L

2.5

Optimal Range
5 - 10 mg/g Cr

Reference Range
2 - 12 mg/g Cr

PEA

2.9

2.9

Reference Range
1.64 - 7.27 mcg/g Cr

Norepi/Epi Ratio

19.3

H

<13

Creatinine

86.8

Creatinine is used to calculate results and is not to be used diagnostically.

Unit of measure: mg/dL

Adrenal Hormones

Morning Cortisol

Reference Range
5.1 - 11.6 nM

0557a
18.1

H

18.1

Afternoon Cortisol

Reference Range
2.3 - 5.3 nM

1020a
2.8

2.8

Evening Cortisol

Reference Range
1 - 2.4 nM

220p
2.6

H

2.6

Night Cortisol

Reference Range
0.4 - 2.1 nM

620p
1.5

1.5

Morning DHEA-s

Reference Range
1 - 6.0 ng/mL

0557a
9.7

H

9.7

Afternoon DHEA-s

Reference Range
1 - 6.0 ng/mL

220p
12.7

H

12.7

Sex Hormones

Testosterone

Reference Range
26 - 98 pg/mL

338.6

H

338.6

Progesterone

Reference Range
37 - 276 pg/mL

133.6

133.6

Estrone (E1)

Reference Range
11 - 29 pg/mL

27.0

27.0

Estradiol (E2)

Reference Range
0.8 - 2 pg/mL

1.8

1.8

Estriol (E3)

Reference Range
5.4 - 34 pg/mL

26.2

26.2

Pg/E2 Ratio

74.2

27 - 250

L and H based on optimal ranges when an optimal range is available. Whenever laboratory data conflicts with clinical findings or impressions, clinical judgement should be exercised and additional evaluation undertaken.

Analysis Instrument: LC/MS | Performance specifications for the test were established by the testing laboratory, test methodology has not been cleared or approved by the FDA. All equipment and testing materials are maintained according to manufacturer provided inserts.

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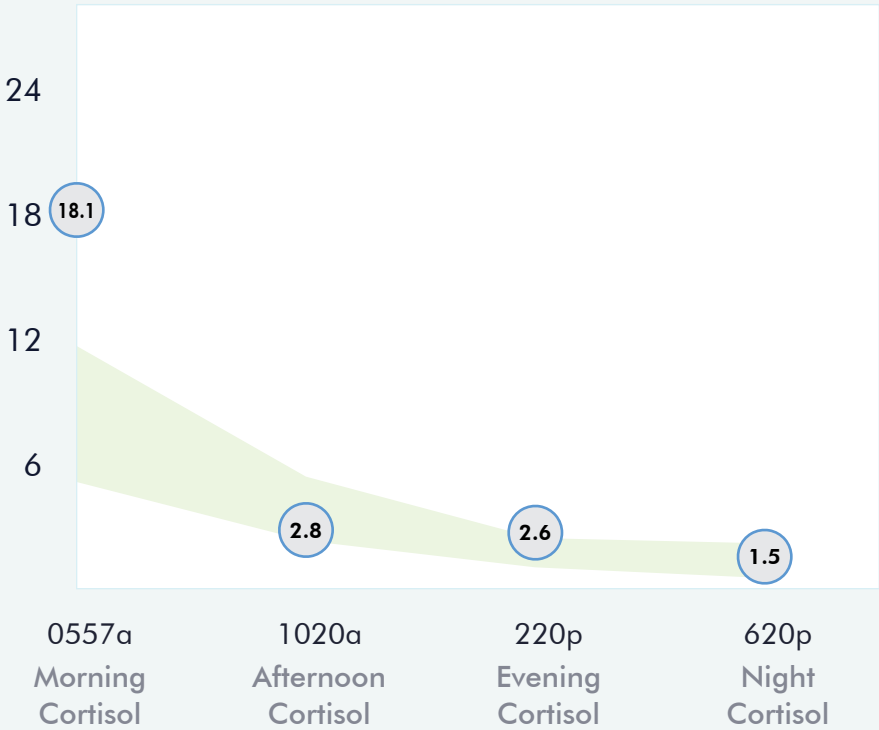
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Cortisol Diurnal Rhythm Curve



Laboratory Commentary

▶ For provider reference:
Post Menopausal Sex Hormone Ranges: Estrone (E1): 11-31 pg/mL, Estradiol (E2): 0.4-1.6 pg/mL, Estriol (E3): 5.4-49 pg/mL, Progesterone: 11-117 pg/mL, Testosterone: 25-76 pg/mL, Pg/E2 Ratio: 14-160
Post Menopausal + HRT Sex Hormone Ranges: Estrone (E1): 12-67 pg/mL, Estradiol (E2): 0.6-10 pg/mL, Estriol (E3): 5.4-351 pg/mL, Progesterone: 29-1391 pg/mL, Testosterone: 29-236 pg/mL, Pg/E2 Ratio: 15-928

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