Adrenal Hormone Report; saliva

Order: Sample Report HOR03
Client #: 38596
Regenerus Laboratories Ltd
Aero 14, Redhill Aerodome, Kings Mill Ln
Redhill Surrey, RH1 5YP
United Kingdom

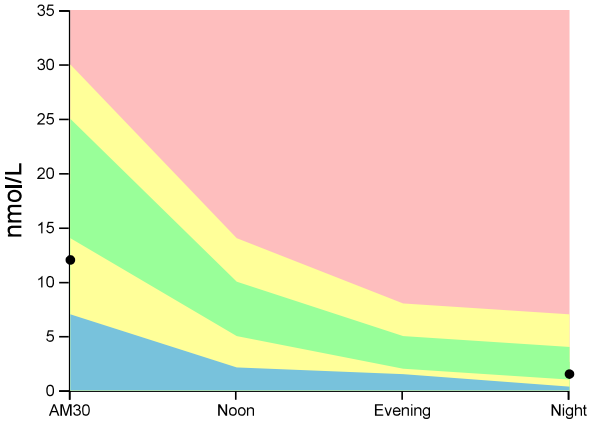
Sample Report HOR03
Age: 42 **DOB:** 03/10/1977
Sex: Female
Body Mass Index (BMI): 20.2

Menopausal Status: Pre-menopausal, LMP: 03/29/2019

Sample Collection	Date/Time
Date Collected	05/07/2019
AM30	05/07/2019 06:45
Noon	05/07/2019 12:30
Evening	05/07/2019 16:30
Night	05/07/2019 20:00
Date Received	05/13/2019
Date Completed	05/15/2019

Analyte	Result	Unit	L	WRI	H	Optimal Range	Reference Interval
Cortisol AM30	12	nmol/L	◆			14.0 – 25.0	7.0 – 30.0
Cortisol Night	1.5	nmol/L		◆		1.0 – 4.0	0.33 – 7.0
DHEA*	216	pg/mL		◆			106 – 300

Cortisol Graph



Hormone Comments:

- The suboptimal cortisol level(s) are suggestive of HPA axis (adrenal gland) dysfunction.

Notes:
RI= Reference Interval, L (blue)= Low (below RI), WRI (green)= Within RI (optimal), WRI (yellow)= Within RI (not optimal), H (red)= High (above RI)
The current samples are routinely held three weeks from receipt for additional testing.

*This test was developed and its performance characteristics determined by Doctor's Data, Inc. The FDA has not approved or cleared this test; however, FDA clearance or approval is not currently required for clinical use. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions.

Methodology: Enzyme Immunoassay

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Analyte	Result	Unit	L	WRI	H	Reference Interval	Supplementation Range**
Estradiol (E2)	1.0	pg/mL		◆		0.5 – 5.0	1.5 – 7.2
Progesterone (Pg)	48	pg/mL	↓			127 – 446	500 – 3000
Pg/E2 Ratio	48.0		↓			200 – 600	
Testosterone	22	pg/mL		◆		6.0 – 49	30 – 60
DHEA*	216	pg/mL		◆		106 – 300	

Hormone Comments:

- Progesterone to estradiol (Pg/E2) ratio and reported symptoms are consistent with progesterone insufficiency (estrogen dominance). Supplementation with topical progesterone to correct this deficiency is a consideration. Note: The progesterone level is suggestive of an anovulatory cycle, luteal phase failure or collection outside of luteal phase.

Notes:
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The current samples are routinely held three weeks from receipt for additional testing.

The Pg/E2 ratio is an optimal range established based on clinical observation. Progesterone supplementation is generally required to achieve this level in men and postmenopausal women.

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**If supplementation is reported then the supplementation ranges will be graphed. The supplementation ranges depicted are for informational purposes only and were derived from a cohort of adult men and women utilizing physiologic transdermal bioidentical hormone therapy.

Methodology: Enzyme Immunoassay