Adrenal Hormone Report; saliva

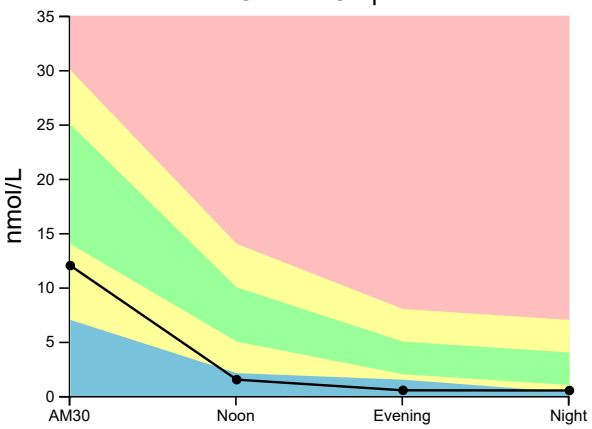
Order: Sample Report
Client #: 12345
Doctor: Sample Doctor
Doctor's Data, Inc.
3755 Illinois Ave.
St. Charles, IL 60174 USA

Patient: Sample Patient
Id: P9999999999
Age: 36 **DOB:** 01/01/1982
Sex: Male
Body Mass Index (BMI): 23.9

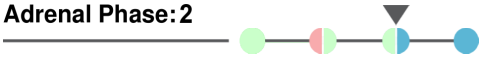
Sample Collection	Date/Time
Date Collected	09/11/2019
AM30	09/11/2019 07:00
Noon	09/11/2019 12:15
Evening	09/11/2019 17:35
Night	09/11/2019 21:15
Date Received	09/16/2019
Date Reported	09/17/2019

Analyte	Result	Unit	L	WRI	H	Optimal Range	Reference Interval
Cortisol AM30	12	nmol/L		◇		14.0 – 25.0	7.0 – 30.0
Cortisol Noon	1.5	nmol/L	↓			5.0 – 10.0	2.1 – 14.0
Cortisol Evening	0.52	nmol/L	↓			2.0 – 5.0	1.5 – 8.0
Cortisol Night	0.50	nmol/L		◇		1.0 – 4.0	0.33 – 7.0
DHEA*	39	pg/mL	↓				137 – 336
Secretory IgA*	131	µg/mL			◇		75 – 330

Cortisol Graph



Adrenal Phase: 2



Hormone Comments:

- Diurnal cortisol pattern is consistent with evolving (Phase 2) HPA axis (adrenal gland) dysfunction.
- DHEA levels typically decline with age and the level measured here is below the reference range. Note: Supplementation with DHEA may increase testosterone and/or estradiol levels.
- Every mucosal membrane surface such as the eyes, nose, throat, and gastrointestinal system represent a large portal of entry for pathogenic bacteria, viruses, and yeasts. Secretory IgA (sIgA) is the predominant antibody found on these mucosal membranes, and represents the body's first line of defense. SIgA levels change in response to stress.

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