



Adrenal Hormone Report; saliva



Order: SAMPLE REPORT



Client #: 38596
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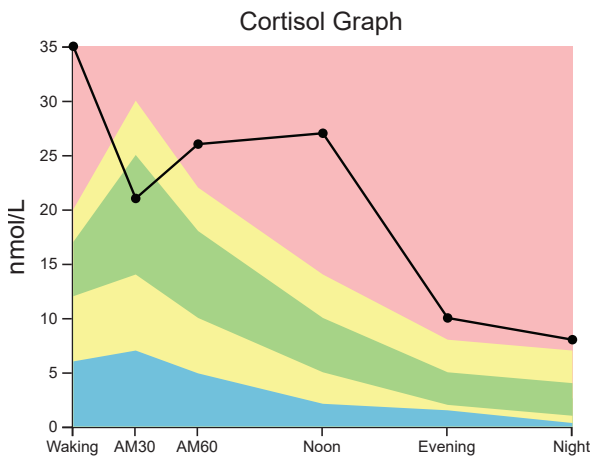
Patient: Jane Doe

Id:
Age: 50 **DOB:** 10/15/1968
Sex: Female
Body Mass Index (BMI): 21.9
Menopausal Status: Pre-menopausal,
 LMP: 11/19/2018

Sample Collection Date/Time

Date Collected 01/08/2019
Waking 01/08/2019 0640
AM30 01/08/2019 0710
AM60 01/08/2019 0740
Noon 01/08/2019 1340
Evening 01/08/2019 1900
Night 01/08/2019 2200
Date Received 01/14/2019
Date Reported 01/21/2019

Analyte	Result	Unit	L	WRI	H	Optimal Range	Reference Interval
Cortisol Waking	36	nmol/L			↑	12.0 - 17.0	6.0 - 20.0
Cortisol AM30	21	nmol/L		◆		14.0 - 25.0	7.0 - 30.0
Cortisol AM60	26	nmol/L			↑	10.0 - 18.0	4.9 - 22.0
CAR Rise (Calculated)	-41.67	%	↓				35 - 60
CAR Decline (Calculated)	-27.78	%		◆			-33 - 0
Cortisol Noon	27	nmol/L			↑	5.0 - 10.0	2.1 - 14.0
Cortisol Evening	10	nmol/L			↑	2.0 - 5.0	1.5 - 8.0
Cortisol Night	8.0	nmol/L			↑	1.0 - 4.0	0.33 - 7.0
DHEA*	204	pg/mL		◆			106 - 300
Secretory IgA*	98	µg/mL		◆			75 - 330



Hormone Comments:

- The elevated cortisol level(s) and diurnal pattern are consistent with hypothalamic pituitary axis (HPA) dysregulation (Phase 1), although cortisol or glucocorticoid derivative supplementation cannot be excluded. Query use of steroidal inhalers or topical creams.
- Cortisol Awakening Response (CAR) is the expected maximum rise in cortisol levels observed at 30 minutes (AM30) post awakening (approximately 35-60% above the waking value). This is followed by an expected decline sixty minutes after waking. The behavior of cortisol is a critical marker to understand the HPA axis' physiologic responsiveness and is a key indicator of HPA axis adaptability and reactivity.
- This patient's CAR rise (from waking to AM 30) is less than expected.
- This patient's CAR decline (AM 30 to AM 60) falls within the expected reference range.
- 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