Analyte | Result | Unit | L | WRI | H | Optimal Range | Reference Interval
---|---|---|---|---|---|---|---
Cortisol AM30 | 8.3 | nmol/L | | | | 14.0 - 25.0 | 5.1 - 30.0
Cortisol Noon | 1.7 | nmol/L | | | | 5.0 - 10.0 | 2.1 - 14.0
Cortisol Evening | 0.45 | nmol/L | | | | 2.0 - 5.0 | 1.5 - 8.0
Cortisol Night | 0.39 | nmol/L | | | | 1.0 - 4.0 | 0.33 - 7.0
DHEA* | 107 | pg/mL | | | | | 106 - 300
Secretory IgA* | 73 | nmol/L | | | | | 75 - 330

Hormone Comments:
- Diurnal cortisol pattern and reported symptoms are consistent with evolving (Phase 2) HPA axis (adrenal gland) dysfunction.
- Decreased levels of SIgA are commonly seen in individuals with low immune system functioning, and is a sign of chronic, ongoing psychological and/or physical stress to the body which has depleted SIgA reserves. SIgA declines with age. 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