



# Adrenal Hormone Report; saliva



### Order: HOR14 Sample Report



Client #: 38596

Regenerus Laboratories Ltd  
Aero 14, Redhill Aerodome, Kings Mill Ln  
Redhill Surrey, RH1 5YP  
United Kingdom

### HOR14 Sample Report

Age: 31 DOB: 07/26/1987

Sex: Male

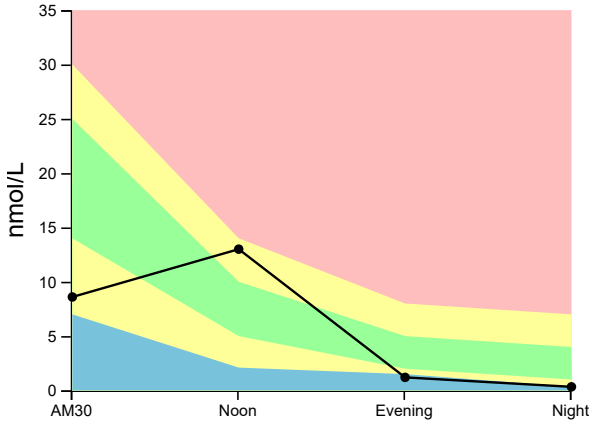
Body Mass Index (BMI): 20.1

### Sample Collection Date/Time

Date Collected 02/12/2019  
AM30 02/12/2019 0730  
Noon 02/12/2019 1145  
Evening 02/12/2019 1900  
Night 02/12/2019 2300  
Date Received 02/22/2019  
Date Reported 02/27/2019

Analyte	Result	Unit	L	WRI	H	Optimal Range	Reference Interval
Cortisol AM30	8.6	nmol/L		◆		14.0 - 25.0	7.0 - 30.0
Cortisol Noon	13	nmol/L		◆		5.0 - 10.0	2.1 - 14.0
Cortisol Evening	1.2	nmol/L	↓			2.0 - 5.0	1.5 - 8.0
Cortisol Night	<0.33	nmol/L	↓			1.0 - 4.0	0.33 - 7.0
DHEA*	>1000	pg/mL			↑		137 - 336

Cortisol Graph



### Hormone Comments:

- The upper range cortisol level(s) and diurnal pattern are consistent with hypothalamic pituitary axis (HPA) dysregulation (Phase 1).
- DHEA level is consistent with stress response or supplementation.

### Adrenal Phase: 1



### Notes:

The DHEA result was confirmed via repeat analysis.

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



Order: HOR13 Sample Report



Client #: 38596

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Aero 14 Redhill Aerodrome Kings Mill Lane
Redhill, Surrey, RH1 5YP
United Kingdom

HOR13 Sample Report

Age: 31 DOB: 07/26/1987

Sex: Male

Body Mass Index (BMI): 20

Sample CollectionDate/Time

Collection Period Second morning void

Date Received 02/22/2019

Date Reported 02/28/2019

Table with 7 columns: Analyte, Result, Unit per Creatinine, L, WRI, H, Reference Interval. Rows include Serotonin, Dopamine, Norepinephrine, Epinephrine, Norepinephrine / Epinephrine ratio, Glutamate, Gamma-aminobutyrate (GABA), Glycine, Histamine, Phenethylamine (PEA), and Creatinine.



Neurotransmitter Comments:

- Urinary neurotransmitter levels provide an overall assessment of the body's ability to make and break down neurotransmitters...
• Low serotonin may contribute to mood concerns including anxiety, OCD, depression, anger and a sense of discontentment...
• Low norepinephrine and low range epinephrine may be associated with depression and mood changes...
• Elevated GABA may contribute to difficulty concentrating, diminished memory, dampened mood...
• Elevated phenethylamine (PEA) may contribute to anxiety, with very high levels having amphetamine-like effects...
• Considerations to address the demonstrated imbalances beyond the identified co-factors and amino acid precursors...

Notes:

Results are creatinine corrected to account for urine dilution variations. Creatinine is not meant to be used as an indicator of renal function.
RI= Reference Interval, L (blue)= Low (below RI), WRI (green)= Within RI (optimal), WRI (yellow)= Within RI (not optimal), H (red)= High (above RI)
Methodology: LCMS QQQ, Creatinine by Jaffe Reaction