

SALIVARY HORMONES

DEMO

FINAL REPORT

Accession ID: 2308090295

Name: SALIVARY HORMONES
DEMO
Date of Birth: 01-01-1111
Gender: Male
Age: 01
Height: 62 inches
Weight: 150 lbs
Fasting: UNKNOWN

Telephone: 000-000-0000
Street Address:
Email:

Provider Information

Practice Name: DEMO CLIENT, MD Telephone: 000-000-0000
Provider Name: DEMO CLIENT, MD Address: 3521 Leonard Ct, Santa Clara, CA 95054
Phlebotomist: 0

Report Information

Current Result Previous Result In Control Moderate Risk

Specimen Information

Sample Type	Collection Time	Received Time	Report	Final Report Date
Saliva Morning	2023-08-17 06:30 (PDT)	2023-08-19 14:07 (PDT)	Salivary Hormones - P2	2023-08-23 21:23 (PDT)
Saliva Afternoon	2023-08-17 12:10 (PDT)	2023-08-19 14:07 (PDT)	Salivary Hormones - P2	2023-08-23 21:23 (PDT)
Saliva Evening	2023-08-17 17:30 (PDT)	2023-08-19 14:07 (PDT)	Salivary Hormones - P2	2023-08-23 21:23 (PDT)
Saliva Night	2023-08-17 00:00 (PDT)	2023-08-19 14:07 (PDT)	Salivary Hormones - P2	2023-08-23 21:23 (PDT)

INTRODUCTION

Vibrant Wellness is pleased to present to you 'Salivary Hormones', to help you make healthy lifestyle, dietary and treatment choices in consultation with your healthcare provider. It is intended to be used as a tool to encourage a general state of health and well-being. The Vibrant Salivary Hormones is a test to measure salivary hormones including salivary steroids, cortisol, and cortisone. The panel is designed to give a complete picture of an individual's levels of hormones in saliva.

Methodology:

The Vibrant Salivary Hormones panel uses tandem mass spectrometry methodology (LC-MS/MS) for quantitative detection of the hormones in saliva samples.

Interpretation of Report:

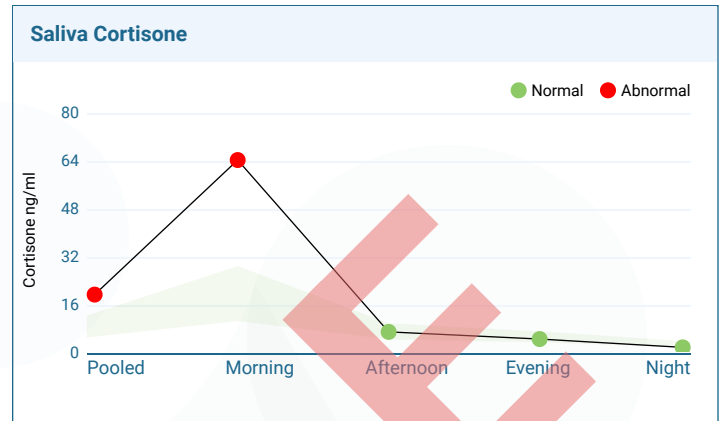
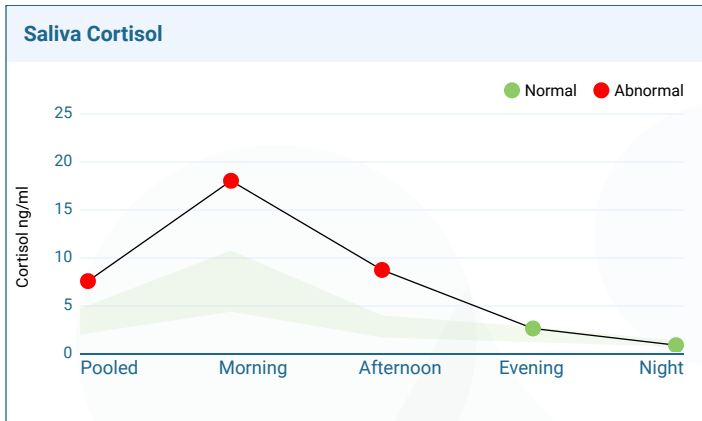
The summary report contains a graphical representation of salivary cortisol and cortisone based on sample collected at four time points within a day and includes a list of salivary hormones that are outside the reference range. Reference ranges have been established based on a cohort of 200 relatively healthy saliva samples. This is followed by a complete list of all saliva hormones tested with quantitative results to enable a full overview along with the corresponding reference ranges. The classification of Red indicates a result that is outside the reference range and the classification of Green denotes a result that is within the reference range. Additionally, the previous value (if available) is also indicated to help check for improvements every time the test is ordered.

The Vibrant Wellness platform provides tools for you to track and analyze your general wellness profile. Testing for the Salivary Hormones panel is performed by Vibrant America, a CLIA certified lab CLIA#:05D2078809. Vibrant Wellness provides and makes available this report and any related services pursuant to the Terms of Use Agreement (the "Terms") on its website at www.vibrant-wellness.com. By accessing, browsing, or otherwise using the report or website or any services, you acknowledge that you have read, understood, and agree to be bound by these terms. If you do not agree to these terms, you shall not access, browse, or use the report or website. The statements in this report have not been evaluated by the Food and Drug Administration and are only meant to be lifestyle choices for potential risk mitigation. Please consult your physician for medication, treatment, diet, exercise, or lifestyle management as appropriate. This product is not intended to diagnose, treat, or cure any disease or condition.

Please note:

It is important that you discuss any modifications to your diet, exercise, and nutritional supplementation with your physician before making any changes. The Vibrant America Clinical Support team can only provide basic and generalized interpretation of hormone biomarkers and pathways. It is the Vibrant ordering provider's responsibility to provide comprehensive interpretation and individualized treatment recommendations for hormone lab test results.

Graph Data




Saliva Hormones


Test Name	Current	Previous	Result	Reference
Estradiol (E2) (pg/ml)	11.48			1.4-3.9
<p>Estradiol is an estrogen steroid hormone and the major female sex hormone. It is involved in the regulation of the estrous and menstrual female reproductive cycles. Estradiol is responsible for the development of female secondary sexual characteristics such as the breasts, widening of the hips, and a female-associated pattern of fat distribution and is important in the development and maintenance of female reproductive tissues such as the mammary glands, uterus, and vagina during puberty, adulthood, and pregnancy. It also has important effects in many other tissues including bone, fat, skin, liver, and the brain. Though estradiol levels in males are much lower compared to those in females, estradiol has important roles in males as well. Levels of estradiol in premenopausal women are highly variable throughout the menstrual cycle and reference ranges widely vary from source to source.</p>				
Pg/E2 Ratio (pg/ml)	12.81			53.21-68.44
<p>The Pg/E2 Ratio test compares the levels of Progesterone (Pg) to Estradiol (E2). This ratio is important in understanding the hormonal balance between these two critical hormones. It is often used to assess hormonal health, particularly in the context of reproductive health, fertility, and hormonal therapy. An optimal Pg/E2 ratio is crucial for proper hormonal function, and deviations can indicate various conditions like estrogen dominance, luteal phase defects, or issues related to hormone replacement therapy.</p>				
Cortisol (Pooled) (ng/ml)	7.39			1.8-4.53
<p>Cortisol is a steroid hormone, in the glucocorticoid class of hormones. It is increased in response to stress and low blood-glucose concentration. It functions to increase blood glucose levels through gluconeogenesis, to suppress the immune system, and to aid in the metabolism of fat, protein, and carbohydrates. It also decreases bone formation. Cortisol prevents the release of substances in the body that cause inflammation. Metabolized cortisol reflects the total cortisol produced and clearing through the liver, while free-cortisol results tell us how much cortisol is free to bind to receptors and allows for assessment of the circadian rhythm.</p>				

Saliva Hormones

Test Name	Current	Previous	Result	Reference
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Cortisol (Morning) (ng/ml)	17.90			4.2-10.6
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Cortisol is a steroid hormone, in the glucocorticoid class of hormones. It is increased in response to stress and low blood-glucose concentration. It functions to increase blood glucose levels through gluconeogenesis, to suppress the immune system, and to aid in the metabolism of fat, protein, and carbohydrates. It also decreases bone formation. Cortisol prevents the release of substances in the body that cause inflammation. Metabolized cortisol reflects the total cortisol produced and clearing through the liver, while free-cortisol results tell us how much cortisol is free to bind to receptors and allows for assessment of the circadian rhythm.

Cortisol (Noon) (ng/ml)	8.56			1.5-3.8
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Cortisol is a steroid hormone, in the glucocorticoid class of hormones. It is increased in response to stress and low blood-glucose concentration. It functions to increase blood glucose levels through gluconeogenesis, to suppress the immune system, and to aid in the metabolism of fat, protein, and carbohydrates. It also decreases bone formation. Cortisol prevents the release of substances in the body that cause inflammation. Metabolized cortisol reflects the total cortisol produced and clearing through the liver, while free-cortisol results tell us how much cortisol is free to bind to receptors and allows for assessment of the circadian rhythm.

Cortisone (Pooled) (ng/ml)	19.13			4.73-12.1
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Cortisone is a pregnane steroid hormone closely related to cortisol. It is one of the main hormones released by the adrenal gland in response to stress. Cortisone suppresses the immune system, thus reducing inflammation and attendant pain and swelling at the site of the injury. Risks exist, in particular in the long-term use of cortisone. Cortisone, a glucocorticoid, and epinephrine (adrenaline) are the main substances released by the body as a reaction to stress. They elevate blood pressure and prepare the body for a fight or flight response.

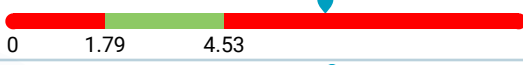

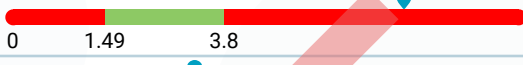

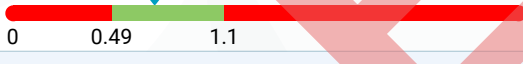



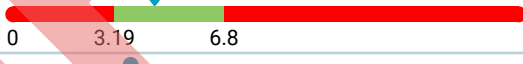


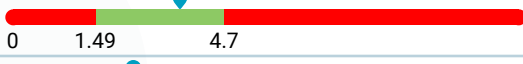






Cortisone (Morning) (ng/ml)	64.23			10.3-28.7
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Cortisone is a pregnane steroid hormone closely related to cortisol. It is one of the main hormones released by the adrenal gland in response to stress. Cortisone suppresses the immune system, thus reducing inflammation and attendant pain and swelling at the site of the injury. Risks exist, in particular in the long-term use of cortisone. Cortisone, a glucocorticoid, and epinephrine (adrenaline) are the main substances released by the body as a reaction to stress. They elevate blood pressure and prepare the body for a fight or flight response.

Questionnaire Data

Question	Answer	Question	Answer	Question	Answer
Last Menses	2023-07-31	Menstrual Cycle Type	IRREGULAR	Is currently pregnant	No
No of months pregnant	N/A	Menstrual phase	LUTEAL	Hysterectomy	No
Ovaries Removed	N/A	When	N/A	Breastfeeding	No
Postpartum	N/A	No. of months	N/A	BMI	27.44
Waist(inch)	28				

Salivary Hormones

Saliva Hormones				
SALIVA CORTISOL	Current	Previous	Result	Reference
Cortisol (Pooled) (ng/ml)	7.39			1.8-4.53
Cortisol (Morning) (ng/ml)	17.90			4.2-10.6
Cortisol (Noon) (ng/ml)	8.56			1.5-3.8
Cortisol (Evening) (ng/ml)	2.43			1-2.6
Cortisol (Night) (ng/ml)	0.68			0.5-1.1
SALIVA CORTISONE	Current	Previous	Result	Reference
Cortisone (Pooled) (ng/ml)	19.13			4.73-12.1
Cortisone (Morning) (ng/ml)	64.23			10.3-28.7
Cortisone (Noon) (ng/ml)	6.63			4.1-9.5
Cortisone (Evening) (ng/ml)	4.23			3.2-6.8
Cortisone (Night) (ng/ml)	1.44			1.3-3.4
SALIVA STEROID HORMONES	Current	Previous	Result	Reference
Estradiol (E2) (pg/ml)	11.48			1.4-3.9
Estrone (E1) (pg/ml)	3.83			1.5-4.7
Estriol (E3) (pg/ml)	5.28			≤7.5
E3/(E1+E2) Ratio	0.34			≤0.87
Progesterone (Pg) (pg/ml)	147.08			74.5-266.9
Pg/E2 Ratio (pg/ml)	12.81			53.21-68.44
Testosterone (pg/ml)	16.49			15.1-59.6
DHEA-S (ng/ml)	22.66			2.6-26.4

Risk and Limitations

This test has been developed and its performance characteristics determined and validated by Vibrant America LLC., a CLIA certified lab. These assays have not been cleared or approved by the U.S. Food and Drug Administration. Vibrant Wellness provides additional contextual information on these tests and provides the report in more descriptive fashion.

Salivary hormones panel does not demonstrate absolute positive and negative predictive values for any condition. Its clinical utility has not been fully established. Clinical history and current symptoms of the individual must be considered by the healthcare provider prior to any interventions. Test results should be used as one component of a physician's clinical assessment.

Salivary hormones panel testing is performed at Vibrant America, a CLIA certified laboratory. Vibrant America has effective procedures in place to protect against technical and operational problems. However, such problems may still occur. Examples include failure to obtain the result for a specific test due to circumstances beyond Vibrant's control. Vibrant may re-test a sample to obtain these results but upon re-testing the results may still not be obtained. As with all medical laboratory testing, there is a small chance that the laboratory could report incorrect results. A tested individual may wish to pursue further testing to verify any results.

The information in this report is intended for educational purposes only. While every attempt has been made to provide current and accurate information, neither the author nor the publisher can be held accountable for any errors or omissions. Tested individuals may find their experience is not consistent with Vibrant's selected peer reviewed scientific research findings of relative improvement for study groups. The science in this area is still developing and many personal health factors affect diet and health. Since subjects in the scientific studies referenced in this report may have had personal health and other factors different from those of tested individuals, results from these studies may not be representative of the results experienced by tested individuals. Further, some recommendations may or may not be attainable, depending on the tested individual's physical ability or other personal health factors. A limitation of this testing is that many of these scientific studies may have been performed in selected populations only. The interpretations and recommendations are done in the context of these studies, but the results may or may not be relevant to tested individuals of different or mixed ethnicities.

Vibrant Wellness makes no claims as to the diagnostic or therapeutic use of its tests or other informational materials. Vibrant Wellness reports and other information do not constitute medical advice and are not a substitute for professional medical advice. Please consult your healthcare practitioner for questions regarding test results, or before beginning any course of medication, supplementation, or dietary changes.

SAMPLE