

# Local Coverage Determination (LCD): Measurement of Salivary Hormones (L36857)

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## Contractor Information

Contractor Name	Contract Type	Contract Number	Jurisdiction	State(s)
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02101 - MAC A	J - F	Alaska
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02102 - MAC B	J - F	Alaska
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02201 - MAC A	J - F	Idaho
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02202 - MAC B	J - F	Idaho
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02301 - MAC A	J - F	Oregon
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02302 - MAC B	J - F	Oregon
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02401 - MAC A	J - F	Washington
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02402 - MAC B	J - F	Washington
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03101 - MAC A	J - F	Arizona
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03102 - MAC B	J - F	Arizona
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03201 - MAC A	J - F	Montana
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03202 - MAC B	J - F	Montana
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03301 - MAC A	J - F	North Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03302 - MAC B	J - F	North Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03401 - MAC A	J - F	South Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03402 - MAC B	J - F	South Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03501 - MAC A	J - F	Utah
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03502 - MAC B	J - F	Utah
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03601 - MAC A	J - F	Wyoming
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03602 - MAC B	J - F	Wyoming

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## LCD Information

### Document Information

LCD ID L36857	Original Effective Date For services performed on or after 07/21/2017
LCD Title Measurement of Salivary Hormones	Revision Effective Date For services performed on or after 10/01/2017
Proposed LCD in Comment Period N/A	Revision Ending Date N/A
Source Proposed LCD <a href="#">DL36857</a>	Retirement Date N/A
AMA CPT / ADA CDT / AHA NUBC Copyright Statement	Notice Period Start Date 06/05/2017
	Notice Period End Date 07/20/2017

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CMS National Coverage Policy  
Code of Federal Regulations:

42 CFR Sections 410.32(a) & 410.32(a)(3) require that clinical laboratory services be ordered and used promptly by the physician (or other treating practitioner acting within the scope of his or her license and Medicare requirements) who is treating the beneficiary.

42CFR411.15 excludes from coverage examinations performed for a purpose other than treatment or diagnosis of a specific illness, symptoms, complaint, or injury with specific legislative enactments as the only exceptions.

CMS Manual System, Pub. 100-02, *Medicare Benefit Policy Manual*, Chapter 6, §§20.4.4 and 20.4.5.

Coverage Guidance

### **Coverage Indications, Limitations, and/or Medical Necessity**

Hormones, both endocrine and exocrine, are secreted into various bodily fluids and their measurement can often diagnose diseases or be used to follow the course of a disease. Traditionally endocrine hormones are measured in serum, plasma, or urine. Measurements of hormones at certain times of the day, or after various attempts at suppression or stimulation can be used for diagnoses of endocrine diseases. Recently some labs have attempted to develop measurement of hormones in salivary secretions. Material is collected from saliva and sent to a lab for measurement. The convenience of collection without need of arterial or venipuncture simplifies collection, but the accuracy of measurement and lack of standardization makes the values determined still investigational. Noridian Healthcare Solutions currently considers salivary cortisol collected in the evening for diagnosis of Cushing's syndrome as the only medically necessary and reasonable hormone measurement from salivary fluid. All other determinations of salivary hormones (e.g., thyroid, testosterone, estrogen, parathyroid, growth hormone, etc.) are considered investigational.

### **Summary of Evidence**

N/A

## **Analysis of Evidence (Rationale for Determination)**

N/A

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## **Coding Information**

Bill Type Codes:

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy should be assumed to apply equally to all claims.

N/A

Revenue Codes:

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the policy, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the policy should be assumed to apply equally to all Revenue Codes.

N/A

CPT/HCPCS Codes

### **Group 1 Paragraph:**

Because current CPT<sup>reg</sup> codes do not specify or identify "salivary" hormone testing from serum or urine hormone testing, claims for salivary levels of hormone should be coded with NOS code 84999 and the words "salivary cortisol". For other than cortisol use "salivary (name of other hormone)" which will generate a denial.

### **Group 1 Codes:**

84999 UNLISTED CHEMISTRY PROCEDURE

ICD-10 Codes that Support Medical Necessity

**Group 1 Paragraph:** N/A

### **Group 1 Codes:**

<b>ICD-10 Codes</b>	<b>Description</b>
E24.0	Pituitary-dependent Cushing's disease
E24.2	Drug-induced Cushing's syndrome
E24.3	Ectopic ACTH syndrome
E24.4	Alcohol-induced pseudo-Cushing's syndrome
E24.8	Other Cushing's syndrome
E24.9	Cushing's syndrome, unspecified
E27.0	Other adrenocortical overactivity
E27.8	Other specified disorders of adrenal gland

## General Information

### Associated Information

If requested, chart documentation would show signs, symptoms, or clinical reasons why Cushing's syndrome was being tested for.

No comments were received for this draft LCD for comment period ending 12/15/2016.

### Sources of Information

*Aetna*, Salivary Test Policy.

American Association of Clinical Endocrinologists (AACE) Medical Guidelines for Clinical Practice for the Diagnosis and Treatment of Menopause. *Endocrine Practice* Vol 17 (Suppl 6) November/December 2011.

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Blue Cross Blue Shield of Idaho, *Salivary Hormone Testing*, MP 2.04.301.

Blue Cross Blue Shield of North Carolina Policy, *Salivary Hormone Test*.

Blue Cross Blue Shield of Tennessee, *Salivary Testing for Steroid Hormone Levels*.

Clinical practice guidelines for hypothyroidism in adults: cosponsored by the American Association of Clinical Endocrinologists and the *American Thyroid Association*.

Cushing syndrome: update on testing; *Endocrinol Metab Clin North Am*. 2015 Mar;44(1):43-50. doi: 10.1016/j.ecl.2014.10.005. Epub 2014 Nov 4.

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Standardizing Hormone Measurements; National Center for Environmental Health Division of Laboratory Sciences. U.S. Department of Health and Human Services, *Centers for Disease Control and Prevention National Center for Environmental Health Division of Laboratory Sciences*.

Taking on Free Hormone Measurement and Interpretation. Joesph R. Wiencek, PhD, *American Association for Clinical Chemistry (AACC)*, August 1, 2016, CLN Daily.

*Wellmark Medical Policy*, Saliva Hormone Tests.

### Bibliography

N/A

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# Revision History Information

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
10/01/2017	R1	<p>DATE (08/23/2017): At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p> <p>Effective 10/1/2017, LCD is revised per the annual ICD-10-CM code update to: Add ICD-10-CM codes: E27.8</p>	<ul style="list-style-type: none"><li>Revisions Due To ICD-10-CM Code Changes</li></ul>

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## Associated Documents

Attachments N/A

Related Local Coverage Documents LCD(s) [DL36857 - Measurement of Salivary Hormones](#)

Related National Coverage Documents N/A

Public Version(s) Updated on 08/23/2017 with effective dates 10/01/2017 - N/A [Updated on 05/10/2017 with effective dates 07/21/2017 - N/A](#) [Back to Top](#)

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## Keywords

- Measurement
- Salivary
- Hormones
- Endocrine
- Exocrine,
- Saliva
- Cushing syndrome
- Thyroid
- Testosterone
- Estrogen
- Parathyroid
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