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

Links in PDF documents are not guaranteed to work. To follow a web link, please use the MCD Website.

Please Note: Future Effective Date.

Contractor Information

<table>
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<tr>
<th>Contractor Name</th>
<th>Contract Type</th>
<th>Contract Number</th>
<th>Jurisdiction State(s)</th>
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</tbody>
</table>

Back to Top

LCD Information

Document Information

Original Effective Date
For services performed on or after 07/21/2017

Revision Effective Date

Printed on 9/7/2017. Page 1 of 6
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

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 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.
### General 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.
- 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*.
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.


**Revision History Information**

<table>
<thead>
<tr>
<th>Revision History Date</th>
<th>Revision History Number</th>
<th>Revision History Explanation</th>
<th>Reason(s) for Change</th>
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<tbody>
<tr>
<td>10/01/2017 R1</td>
<td></td>
<td>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.</td>
<td>Revisions Due To ICD-10-CM Code Changes</td>
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| Effective 10/1/2017, LCD is revised per the annual ICD-10-CM code update to: Add ICD-10-CM codes: E27.8 |

**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

**Keywords**

- Measurement
- Salivary
- Hormones

Printed on 9/7/2017. Page 5 of 6
• Endocrine
• Exocrine,
• Saliva
• Cushing syndrome
• Thyroid
• Testosterone
• Estrogen
• Parathyroid

Read the LCD Disclaimer Back to Top