

NEW TEST

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Cortisol by LC-MS/MS, Salivary

3016866, CORT S TMS

Specimen Requirements:

Patient Preparation: Do not collect specimen within 60 minutes after eating a meal, within 12 hours after consuming alcohol, immediately after brushing teeth, or after any activity that may cause gums to bleed. Rinse mouth thoroughly with water 10 minutes before specimen collection. Recommended collection time is between 11:00 p.m.-1:00 a.m.

Collect: Saliva. Swab must be completely saturated to ensure sufficient volume for testing.

Specimen Preparation: Transfer saturated swab to plain (noncitric acid) cotton Salivettecollection device (ARUP Supply #52056). Record the time of collection on the test request form, and on Salivette transport container.

Transport Temperature: Refrigerated.

Unacceptable Conditions: Specimens not collected using the Salivettecollection device. Sodium azide preservative. Specimens with pH values greater than 9.0 or less than 3.5 must be recollected. Specimens visibly contaminated with blood, cellular debris, food particles, or mucus.

Remarks:

Stability: Ambient: 1 week Refrigerated: 3 weeks Frozen: 6 months

Methodology:

Performed: Mon-Sat

Reported: 1-4 days

Note: Bovine hormones normally present in dairy products can cross-react with anticortisol antibodies and cause false results. Acidic or high sugar foods can compromise assay performance by lowering sample pH and influencing bacterial growth. Samples with pH values greater than 9.0 or less than 3.5 must be recollected.

CPT Codes: 82533

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Reference Intervals: Based on Reference interval verification experiments conducted with Mayo Clinic, reference intervals for salivary cortisol are listed below:

7 a.m. to 9 a.m.: 0.1-0.75

3 p.m. to 5 p.m.: <0.401

11 p.m. to midnight: <0.1

Reference Interval:

By report

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.