

Cortisol, A.M.

CPT Code: 82533

Order Code: 1434

ABN Requirement: No

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Gel-barrier tube (SST)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. Do not shake.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Collection Instructions: Collect AM specimen between 6-10 AM. Indicate collection time on the specimen container and requisition form. Sample should not be taken from patients receiving therapy with high biotin doses (>5 mg/day) until at least 8 hours following the last dose.

Note: This assay is not recommended when patient is receiving prednisone/prednisolone therapy due to cross reactivity with the antibody used in this assay.

Transport: Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): 24 hours

Refrigerated (2-8°C): 4 days

Frozen (-20°C): 12 months

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Electrochemiluminescence Immunoassay (ECLIA)

Turn Around Time: 4 days

Reference Range:

	Reference Range AM ($\mu\text{g/dL}$)
All Ages	4.8-19.5

Clinical Significance: Cortisol is increased in Cushing's Disease and decreased in Addison's Disease (adrenal insufficiency).

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.