

Corticosterone, Serum

#88221

USEFUL FOR:

- Diagnosis of suspected 11-hydroxylase deficiency, including the differential diagnosis of 11 beta-hydroxylase 1 (CYP11B1) versus 11 beta-hydroxylase 2 (CYP11B2) deficiency, and the diagnosis of glucocorticoid-responsive hyperaldosteronism.
- This test should be used in conjunction with measurements of 11-deoxycortisol, 11-corticosterone, 18-hydroxycorticosterone, cortisol, renin, and aldosterone.
- Evaluating congenital adrenal hyperplasia newborn screen-positive children, when elevations of 17-hydroxyprogesterone are only moderate, thereby suggesting possible 11-hydroxylase deficiency.
- This test should be used in conjunction with 11-deoxycortisol and 11-deoxycorticosterone measurements as an adjunct to 17-hydroxyprogesterone, aldosterone and cortisol measurements

METHODOLOGY: Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

REFERENCE VALUES:

< or = 18 years: 18-1,970 ng/dL

>18 years: 53-1,560 ng/dL

SPECIMEN REQUIREMENTS: Send 0.3 mL of serum at refrigerate temperature.

- **CPT CODE:** 82528
- **ANALYTIC TIME:** 2 days
- **LIST FEE:** \$136.60
- **DAY SET UP:** Tuesday, 2 p.m.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Jeremy R. Caddell, Mayo Medical Laboratories' Technical Support
Telephone: 800-533-1710