

NEW TEST ANNOUNCEMENT

NOTIFICATION DATE: June 22, 2010 EFFECTIVE DATE: June 29, 2010

11-Deoxycorticosterone, Serum #8847

USEFUL FOR:

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

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

REFERENCE VALUES:

< or = 18 years: <30 ng/dL >18 years: <10 ng/dL

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

• CPT CODE: 82633 • ANALYTIC TIME: 2 days

• LIST FEE: \$136.60 • DAY(S) 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