

February 2021

CORTISOL TESTING UPDATE

Effective February 1, 2021 the following changes are in effect:

1. New Cortisol Stimulation (Corsynthropin Stimulation) Testing Order set
2. Updated cortisol reference range for cortisol dexamethasone suppression test

Cortisol Stimulation Testing (Corsynthropin Stimulation testing)

Order set includes:

- Cortisol Baseline
- Cortisol 30 minutes
- Cortisol 60 minutes
- ACTH

Cortisol Dexamethasone Suppression Testing

(this is NOT an order set; each test requires an individual order)

1. Dexamethasone level
 - a. Reference range: normal <50 ng/dl
 - b. Sent to ARUP reference laboratory
2. Cortisol level (Cortisol Dexamethasone suppression)
 - a. Cortisol level performed at Methodist pathology
 - b. Reference range: normal < 1.8 ug/dl (only for suppression testing)

There are no changes in the *individual* Cortisol and ACTH tests. This information is included for completeness.

Cortisol test, random (Cortisol level)

1. Performed at Methodist pathology
2. Critical value: < 2.0 ug/dl
3. Reference range (interpretive data)
 - AM: 6.2-29 ug/dL
 - PM: 3.0-17.3 ug/dL

ACTH test, random (Adrenocorticotrophic Hormone level)

1. Sent to ARUP reference laboratory
2. Reference range: 7.2-63.3 pg/ml (am draw)

Specimen requirements for the tests have not changed.

Please direct any questions to Dr. George Bedrnicek at 402 955-5528 or to Dr. Deborah Perry at 402 354-4559. For additional information visit: <https://thepathologycenter.org/tools-and-resources>