

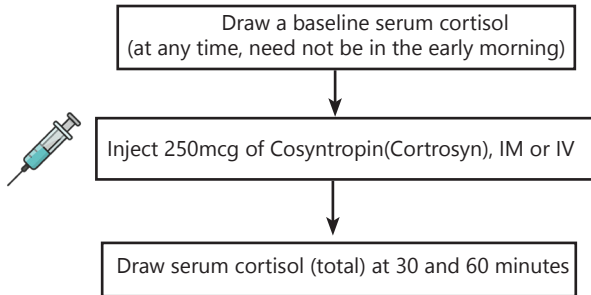
CORTOSYN STIMULATION TEST



A dynamic test for the evaluation of suspected adrenal insufficiency. The test cannot distinguish between primary and secondary AI

Limitations of this test

- Estrogen in OCPs may increase corticosteroid-binding globulin and thus increase total serum cortisol.
- Low albumin can lead to a spuriously low serum cortisol
- It does not distinguish between primary and secondary AI (normal stimulation test if adrenocortical atrophy has not set in yet)



Interpretation

Peak serum cortisol >18mcg/dL or an increment of >7mcg/dL over the baseline cortisol level rules out adrenal insufficiency.***

*** Update : Newer cortisol assays, a level of >14mcg/dl effectively rules out AI

