

**CORTISOL SUPPRESSION BY
DEXAMETHASONE,
OVERNIGHT LOW DOSE,
SERUM
(CLIA)**

Cortisol, Post Dexamethasone	ug/dL	< 2.01
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Note: Suppressant is 1 mg tablet Dexamethasone administered orally at 11 p.m of previous day.
Blood is drawn for serum cortisol at 8.00 am next morning

Comments

- In normal subjects, serum cortisol level is suppressed to 2 ug/dL or less.
- Patients with Cushing's syndrome do not show adequate suppression and cortisol levels are usually > 10 ug/dL
- Cortisol levels > 2 ug/dL are seen in cases of stress, obesity, infection, acute or chronic illness, alcohol abuse, severe depression, oral contraceptive use, pregnancy, Estrogen therapy, failure to take Dexamethasone and treatment with Phenytoin or Phenobarbital

Clinical Use

Low dose dexamethasone suppression test is used initially to document true hypersecretion of cortisol. Patients with Cushing's syndrome of any cause will fail to suppress their cortisol secretion overnight with a low dose of dexamethasone.