

**17-HYDROXYPROGESTERONE  
( 17-OHP) STIMULATION BY  
ACTH, SERUM  
(RIA)**

17-OHP, Basal		ng/mL	<2.00
17-OHP, Post Stimulation by ACTH after 60 minutes		ng/mL	

**Note:** Stimulant is 250 ug maximum or 10 ug/ kg body weight Synthetic ACTH (Synacthen) administered IV/IM.

**Comments**

- Basal 17-OHP levels < 2 ng/mL excludes the possibility of Non Classical Adrenal Hyperplasia ( NCAH)
- Post stimulation 17-OHP levels > 15 ng/mL is suggestive of NCAH
- Post stimulation 17 OHP levels > 20 ng/mL is suggestive of Classical congenital Adrenal Hyperplasia ( CAH)

**Clinical use**

For the diagnosis of Non classical adrenal hyperplasia when basal 17-OHP level is between 2-15 ng/mL. This test is used in the differential diagnosis of Polycystic Ovarian Syndrome ( PCOS).

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**Note:** 1. Stimulant is 250 ug maximum or 10 ug/ kg body weight Synthetic ACTH (Synacthen) administered IV/IM

2. Recommended test is Basal followed by 60 minutes post ACTH stimulation