



**Yashvi M. Patel**

Age : 21 Years

Sex : Female

PID : 556



**Sample Collected At:**

125, Shivam Bungalow, S G Road,  
Mumbai

Ref. By: **Dr. Hiren Shah**



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

## CORTISONE

Investigation	Result	Reference Value	Unit
<b>CORTISONE, SERUM</b> LC-MS/MS	<b>3.00</b> <span>Low</span>	16.62 - 74.79	nmol/L

### Note:

LC-MS/MS is the gold standard for steroid hormone assays due to increased sensitivity & specificity as compared to immunoassays.

### Interpretation :

CORTISONE	
AGE	REFERENCE RANGE (nmol/L)
Children	6.37 - 49.02
Adults	16.62 - 74.79

### Comment :

Cortisone is one of the main hormone released by the adrenal gland in response to stress. Measurement of Cortisone is useful in diagnosing patients with low-renin hypertension caused by apparent mineralocorticoid excess. This may be due to either an inherited defect in 11HSD2 enzyme or an acquired inhibitor of the enzyme by such compounds as glycyrrhizic acid, a component of natural licorice. Suppressed cortisone levels may also be observed in Primary adrenal insufficiency.

Thanks for Reference

\*\*\*\*End of Report\*\*\*\*

**Medical Lab Technician**  
(DMLT, BMLT)

**Dr. Payal Shah**  
(MD, Pathologist)

**Dr. Vimal Shah**  
(MD, Pathologist)

