

<b>17-KETOSTEROIDS, 24 HOUR URINE (Column Chromatography)</b>	
17- Ketosteroids	mg/24 Hrs
Total Urine Volume	mL/24 Hrs

<b>SEX</b>	<b>VALUE IN mg/24 HOURS</b>
Male	10-25
Female	6-14

### **Comments**

17-Ketosteroids (17-KS) are metabolites of adrenal and gonadal androgenic steroids. This test is used as an indicator of adrenal rather than testicular status as 2/3rds of 17-KS is adrenal in origin in males but nearly 100% is of adrenal origin in females. It helps in the diagnosis of ovarian and adrenal tumors

**Increased Levels:** Interstitial cell tumor, Virilizing tumors, Cushing's syndrome, Adrenocortical adenoma / carcinoma, severe stress, third trimester of pregnancy, drugs like Ampicillin, Cloxacillin, Dexamethasone, Erythromycin & Phenothiazines

**Decreased Levels:** Primary / Secondary hypogonadism, Addison's disease, Panhypopituitarism, Nephrosis, Drugs like Oral contraceptives, Phenytoin & Chlordiazepoxide