

**For Males:**

TESTOSTERONE, FREE, SERUM (RIA)	pg/mL	8.69-54.69
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### Clinical Use

To assess androgen status in male hypogonadism

### Increased Levels

- Androgen resistance
- Cushing's disease
- Congenital Adrenal Hyperplasia

### Decreased Levels

- Hypogonadism
- p450c17 enzyme deficiency

**For Females:**

TESTOSTERONE, FREE, SERUM (RIA)	pg/mL
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### Interpretation

REFERENCE GROUP	REFERENCE RANGE IN pg/mL
Adult females (>12 yrs)	
<ul style="list-style-type: none"> <li>Follicular phase</li> </ul>	0.45-3.17
<ul style="list-style-type: none"> <li>Luteal phase</li> </ul>	0.46-2.48
<ul style="list-style-type: none"> <li>Oral contraceptive</li> </ul>	0.55-2.01
<ul style="list-style-type: none"> <li>Post menopausal</li> </ul>	0.29-1.73

### Clinical Use

- Assess androgen status in female hirsutism, virilization, acne & amenorrhea
- Greater sensitivity in the evaluation of mildly hyperandrogenemic women who may show normal Testosterone Total levels

### Increased Levels

- Polycystic ovarian disease
- Hyperthecosis
- Cushing's disease
- Congenital Adrenal Hyperplasia

### Decreased Levels

- Hypogonadism
- p450c17 enzyme deficiency