Lab Dept: Chemistry

Test Name: FOLLICLE STIMULATING HORMONE (FSH)

**General Information**

Lab Order Codes: FSH

Synonyms: FSH; Follitropin

CPT Codes: 83001 – Gonadotropin; follicle stimulating hormone

Test Includes: Follicle stimulating hormone (FSH) concentration reported in mIU/mL.

**Logistics**

Test Indications: FSH is a glycoprotein hormone secreted by the anterior pituitary in response to gonadotropin-releasing hormone. FSH and LH play a critical role in maintaining the normal function of the male and female reproductive systems.

Lab Testing Sections: Chemistry

Phone Numbers:
MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day

Special Instructions: N/A

**Specimen**

Specimen Type: Blood

Container: Preferred: Green top (Li Heparin) tube
Alternate: Red, marble or gold top tube

Draw Volume: 1.5 mL (Minimum: 0.6 mL) blood

Processed Volume: 0.5 mL (Minimum: 0.2 mL) plasma/serum

Collection: Routine venipuncture
Special Processing: Lab Staff: Centrifuge specimen, remove plasma/serum aliquot into a plastic sample cup. Store at 2-8 degrees Centigrade for up to 7 days.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimen

Interpretive

<table>
<thead>
<tr>
<th>Reference Range:</th>
<th>Males:</th>
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<tbody>
<tr>
<td></td>
<td>Prepubertal children ≤10 yrs: &lt;5 mIU/mL</td>
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<tr>
<td></td>
<td>Adults (&gt;10 yrs): 1 – 10 mIU/mL</td>
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<tr>
<td>Females:</td>
<td>Prepubertal children &lt;10 yrs: &lt;5 mIU/mL</td>
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<tr>
<td>Menstruating Females:</td>
<td>Follicular Phase: 1 – 9 mIU/mL</td>
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<td>Midcycle Peak: 4 – 30 mIU/mL</td>
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<td>Luteal Phase: 0 – 7 mIU/mL</td>
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Critical Values: N/A

Limitations: Heterophile antibodies may interfere with immunoassay tests.

Methodology: Homogeneous Sandwich Chemiluminescent Immunoassay

References: Siemens Dimension Vista FSH Instructions For Use (2/29/2012)
Siemens Healthcare Diagnostics


**Updates:**

7/22/2014: Method change, previously listed as Two Site Immunoassay, Chemiluminescence.

2/8/2016: Update alt tube types