

Reporting Title: Follicle-Stim Hormone (FSH), S
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Specimen Requirements:

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 0.6 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial within 2 hours of collection.

Forms:

If not ordering electronically, complete, print, and send an [Oncology Test Request](#) (T729) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Ambient	24 hours	
	Frozen	180 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
FSH	Follicle-Stim Hormone (FSH), S	Numeric	IU/L	15067-2

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83001

Reference Values:

Males

<12 months: < or =3.3 IU/L

12 months-5 years: < or =1.9 IU/L

>5 years-10 years: < or =2.3 IU/L

>10 years-15 years: 0.6-6.9 IU/L

>15 years-18 years: 0.7-9.6 IU/L

>18 years: 1.2-15.8 IU/L

TANNER STAGES*

Stage I: <1.5 IU/L

Stage II: <3.0 IU/L

Stage III: 0.4-6.2 IU/L

Stage IV: 0.6-5.1 IU/L

Stage V: 0.8-7.2 IU/L

*Puberty onset occurs for boys at a median age of 11.5 (+/- 2) years. For boys, there is no proven relationship between puberty onset and body weight or ethnic origin. Progression through Tanner stages is variable. Tanner stage V (adult) should be reached by age 18.

Females

<12 months: 1.2-12.5 IU/L

12 months-10 years: 0.5-6.0 IU/L

>10 years-15 years: 0.9-8.9 IU/L

>15 years-18 years: 0.7-9.6 IU/L

Premenopausal:

Follicular: 2.9-14.6 IU/L

Midcycle: 4.7-23.2 IU/L

Luteal: 1.4-8.9 IU/L

Postmenopausal: 16.0-157.0 IU/L

TANNER STAGES*

Stage I: 0.6-4.1 IU/L

Stage II: 0.3-5.8 IU/L

Stage III: 0.1-7.2 IU/L

Stage IV: 0.3-7.0 IU/L

Stage V: 0.4-8.6 IU/L

*Puberty onset (transition from Tanner stage I to Tanner stage II) occurs for girls at a median age of 10.5 (+/- 2) years. There is evidence that it may occur up to 1 year earlier in obese girls and in African American girls. Progression through Tanner stages is variable. Tanner stage V (adult) should be reached by age 18.