

Reporting Title: LH, Pediatrics, S
Performing Location: Rochester

Ordering Guidance:
This test is only available for pediatric patients. If testing request is for a patient 18 years of age or older, order LH / Luteinizing Hormone (LH), Serum.

Specimen Requirements:
Supplies: Sarstedt Aliquot Tube. 5 mL (T914)
Collection Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Submission Container/Tube: Plastic vial
Specimen Volume: 0.25 mL
Collection Instructions:

- 1. Within 2 hours of collection, centrifuge the specimen.
- 2. For red top tubes, aliquot serum into a plastic vial immediately.
- 3. For serum gel tubes, serum may sit on gel refrigerated but must be aliquoted into a plastic vial within 4 hours.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	
	Frozen	90 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
62999	LH, Pediatrics, S	Numeric	IU/L	83103-2

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

Supplemental Report:
No

CPT Code Information:
83002

Reference Values:
Females
<1 year: <0.02-18.3 IU/L
1-8 years: <0.02-0.3 IU/L
9-10 years: <0.02-4.8 IU/L
11-13 years: <0.02-11.7 IU/L
14-17 years: <0.02-16.7 IU/L

Tanner Stages*

Stage I (1-8 years): <0.02-0.3 IU/L

Stage II: <0.02-4.1 IU/L

Stage III: 0.6-7.2 IU/L

Stage IV-V: 0.9-13.3 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.

Males

<1 year: <0.02-5.0 IU/L

1-8 years: <0.02-0.5 IU/L

9-10 years: <0.02-3.6 IU/L

11-13 years: 0.1-5.7 IU/L

14-17 years: 0.8-8.7 IU/L

Tanner Stages*

Stage I (1-8 years): <0.02-0.5 IU/L

Stage II: 0.03-3.7 IU/L

Stage III: 0.09-4.2 IU/L

Stage IV-V: 1.3-9.8 IU/L

*Puberty onset (transition from Tanner stage I to Tanner stage II) 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.