

FOLLICLE
STIMULATING
HORMONE,
PLASMA/
SERUM

Orderable - LHFSH

Turn Around Time: 4 hours

Alternate Name(s):

FSH

Specimen:

Adult	Pediatric
4.5 mL Light Green top Vacutainer tube	0-2 years: 0.5 mL Light Green top Microtainer 2-10 years: 3 mL Light Green top Vacutainer tube
Red, Gold, or Lavender (EDTA) top tubes are also acceptable	

Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples or 200 µL for pediatric samples.

Reference Ranges:

Male	
Tanner stage 1:	≤ 3.1 IU/L
Tanner stage 2:	≤ 6.9 IU/L
Tanner stage 3:	≤ 10.1 IU/L
Tanner stage 4:	1.3 - 11.4 IU/L
Tanner stage 5:	1.6 - 11.2 IU/L
1 - 5 years:	< 1.9 IU/L
5 - 10 years:	< 2.3 IU/L
Adult:	1.5 - 12.4 IU/L

Female	
Tanner stage 1:	≤ 4.5 IU/L
Tanner stage 2:	≤ 7.1 IU/L
Tanner stage 3:	1.7 - 8.7 IU/L



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Roche
Electrochemiluminescence



Test Schedule:
As required

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Tanner stage 4:	1.7 - 10.2 IU/L
Tanner stage 5:	1.2 - 9.5 IU/L
1 - 10 years:	≤ 6.0 IU/L
Follicular Phase:	3.5 - 12.5 IU/L
Ovulatory Phase:	4.7 - 21.5 IU/L
Luteal phase:	1.7 - 7.7 IU/L
Post-menopausal:	25.8 - 134.8 IU/L

Comments:

Biotin may interfere with this test. Samples should not be taken from patients receiving high biotin doses (i.e. > 5 mg/day) until at least 8 hours after the last biotin administration.