

**Reporting Title:** IGFBP-3, S**Performing Location:** Rochester**Necessary Information:**

Indicate patient's age and sex.

**Specimen Requirements:**

Patient Preparation: For 12 hours before specimen collection, do not take multivitamins or dietary supplements containing biotin (vitamin B7), which is commonly found in hair, skin, and nail supplements and multivitamins.

Collection Container/Tube:

Preferred: Red top

Acceptable: Serum gel

Submission Container/Tube: Plastic vial

Specimen Volume: 0.8 mL

Collection Instructions: Centrifuge promptly and aliquot serum into a plastic vial.

**Specimen Minimum Volume:**

0.3 mL

Specimen Type	Temperature	Time	Special Container
Serum	Frozen (preferred)	14 days	
	Ambient	72 hours	
	Refrigerated	72 hours	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
IGFB3	IGFBP-3, S	Numeric	mcg/mL	2483-6

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

83520

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**Reference Values:**

1-7 days: < or =0.7 mcg/mL  
8-14 days: 0.5-1.4 mcg/mL  
15 days-11 months: unavailable  
1 year: 0.7-3.6 mcg/mL  
2 years: 0.8-3.9 mcg/mL  
3 years: 0.9-4.3 mcg/mL  
4 years: 1.0-4.7 mcg/mL  
5 years: 1.1-5.2 mcg/mL  
6 years: 1.3-5.6 mcg/mL  
7 years: 1.4-6.1 mcg/mL  
8 years: 1.6-6.5 mcg/mL  
9 years: 1.8-7.1 mcg/mL  
10 years: 2.1-7.7 mcg/mL  
11 years: 2.4-8.4 mcg/mL  
12 years: 2.7-8.9 mcg/mL  
13 years: 3.1-9.5 mcg/mL  
14 years: 3.3-10 mcg/mL  
15 years: 3.5-10 mcg/mL  
16 years: 3.4-9.5 mcg/mL  
17 years: 3.2-8.7 mcg/mL  
18 years: 3.1-7.9 mcg/mL  
19 years: 2.9-7.3 mcg/mL  
20 years: 2.9-7.2 mcg/mL  
21-25 years: 3.4-7.8 mcg/mL  
26-30 years: 3.5-7.6 mcg/mL  
31-35 years: 3.5-7.0 mcg/mL  
36-40 years: 3.4-6.7 mcg/mL  
41-45 years: 3.3-6.6 mcg/mL  
46-50 years: 3.3-6.7 mcg/mL  
51-55 years: 3.4-6.8 mcg/mL  
56-60 years: 3.4-6.9 mcg/mL  
61-65 years: 3.2-6.6 mcg/mL  
66-70 years: 3.0-6.2 mcg/mL  
71-75 years: 2.8-5.7 mcg/mL  
76-80 years: 2.5-5.1 mcg/mL  
81-85 years: 2.2-4.5 mcg/mL

**Tanner Stages:****Males**

Stage I: 1.4-5.2 mcg/mL  
Stage II: 2.3-6.3 mcg/mL  
Stage III: 3.1-8.9 mcg/mL  
Stage IV: 3.7-8.7 mcg/mL  
Stage V: 2.6-8.6 mcg/mL

**Females**

Stage I: 1.2-6.4 mcg/mL

Stage II: 2.8-6.9 mcg/mL

Stage III: 3.9-9.4 mcg/mL

Stage IV: 3.3-8.1 mcg/mL

Stage V: 2.7-9.1 mcg/mL

Note: Puberty onset, ie, the transition from Tanner stage I (prepubertal) to Tanner stage II (early pubertal), occurs for girls at a median age of 10.5 (+/-2) years and for boys at a median age of 11.5 (+/-2) years. There is evidence that it may occur up to 1 year earlier in girls who are obese and in African American girls. By contrast, for boys there is no definite proven relationship between puberty onset and body weight or ethnic origin. Progression through Tanner stages is variable. Tanner stage V (young adult) should be reached by age 18.