

TEST CHANGE

Insulin-Like Growth Factor Binding Protein-3 (IGFBP-3)

0070060, IGFBP-3

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube. Also acceptable: Green (sodium heparin).

Specimen Preparation: Transfer 0.5 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.3 mL)

Transport Temperature: Frozen.

Unacceptable Conditions: Tissue or urine. Grossly hemolyzed or lipemic specimens.

Remarks:

Stability: After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 1 year

Methodology: Quantitative Chemiluminescent Immunoassay [\(CLIA\)](#)

Performed: Sun-Sat

Reported: 1-2 days

Note:

CPT Codes: 82397

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Tanner Stage	Male (ng/mL)	Female (ng/mL)
Tanner Stage I	1400-5200	1200-6400
Tanner Stage II	2300-6300	2800-6900
Tanner Stage III	3100-8900	3900-9400
Tanner Stage IV	3700-8700	3300-8100
Tanner Stage V	2600-8600	2700-9100

Reference Interval:

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Test Number	Components	Reference Interval		
	IGF Binding Protein 3			
		Age	Reference Intervals Male (ng/mL)	Female (ng/mL)
		0-7 days	500-900	
		8-14 days	500-1400	
		15 days-110-12 months	Reference intervals not available 1039-3169	1039-3169
		1 year	700-3600	
		2 years	800-3900	
		1-3 years	900-4300 972-4123	1590-4225
		4-5 years	1000-4700 1843-4968	2169-4790
		5 years	1100-5200	
		6-7 years	1300-5600 1838-4968	2188-4996
		7 years	1400-6100	
		8-9 years	1600-6500 1932-5858	2072-5504
		9 years	1800-7100	
		10-11 years	2100-7700 1828-6592	2456-6992
		11 years	2400-8400	
		12-13 years	2700-8900 2134-6598	2838-6846
		13 years	3100-9500	
		14-15 years	3300-10000 2330-6550	2654-6680
		15 years	3500-10000	
		16-17 years	3400-9500 2380-6400	2756-6908
		17 years	3200-8700	
		18-19 years	3100-7900 2340-6632	2700-6492
		19 years	2900-7300	
		20-24 years	2900-7200 2404-5948	3032-5992
		21-25-29 years	3400-7800 2614-5792	2926-5858
		26-30-34 years	3500-7600 2500-5806	2878-6650
		31-35-39 years	3500-7000 2474-5208	2786-6084

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		36-40-44 years	3400-67002360-5560	2514-6014
		41-45-49 years	3300-66002314-5700	2838-4954
		46-50-54 years	3300-67002528-5050	2562-5596
		51-55-59 years	3400-68002482-5460	2574-5914
		56-60-64 years	3400-69002592-4770	2684-5130
		61-65 years and elder	3200-66002698-5680	2462-5274
		66-70 yearsTanner Stage-I	3000-62001878-6190	2314-6086
		71-75 yearsTanner Stage-II	2800-57002112-6208	2732-6738
		76-80 yearsTanner Stage-III Tanner Stage-IV & V	2500-51002372-6602 2336-6414	2870-7068 2756-7232
IGF Binding Protein 3				
		Age	Reference Intervals (ng/mL)	
		81-85 years	2200-2500	
		86 years and older	Reference intervals not established	