

# IGF-1 (INSULIN-LIKE GROWTH FACTOR 1) PUBERTAL RANGES BY TANNER STAGE



## FEMALE PUBERTAL RANGES BY TANNER STAGE

AGE	TANNER STAGE I	TANNER STAGE II	TANNER STAGE III	TANNER STAGE IV & V
3 years	26-162 ng/mL	-	-	-
4 years	32-179 ng/mL	-	-	-
5 years	39-198 ng/mL	-	-	-
6 years	55-238 ng/mL	-	-	-
7 years	55-268 ng/mL	-	-	-
8 years	64-259 ng/mL	89-369 ng/mL	-	-
9 years	74-282 ng/mL	96-399 ng/mL	192-568 ng/mL	-
10 years	85-306 ng/mL	104-431 ng/mL	192-568 ng/mL	-
11 years	97-332 ng/mL	112-466 ng/mL	192-568 ng/mL	268-646 ng/mL
12 years	110-358 ng/mL	121-504 ng/mL	192-568 ng/mL	248-612 ng/mL
13 years	-	131-545 ng/mL	192-568 ng/mL	229-579 ng/mL
14 years	-	136-566 ng/mL	192-568 ng/mL	211-547 ng/mL
15 years	-	-	192-568 ng/mL	194-516 ng/mL
16 years	-	-	-	177-487 ng/mL
17 years	-	-	-	162-458 ng/mL
18 years	-	-	-	147-430 ng/mL

## MALE PUBERTAL RANGES BY TANNER STAGE

AGE	TANNER STAGE I	TANNER STAGE II & III	TANNER STAGE IV & V
3 years	20-141 ng/mL	-	-
4 years	25-157 ng/mL	-	-
5 years	30-174 ng/mL	-	-
6 years	37-192 ng/mL	-	-
7 years	44-211 ng/mL	-	-
8 years	52-231 ng/mL	39-264 ng/mL	-
9 years	61-252 ng/mL	52-304 ng/mL	-
10 years	71-275 ng/mL	67-347 ng/mL	-
11 years	82-299 ng/mL	86-393 ng/mL	277-673 ng/mL
12 years	93-324 ng/mL	106-443 ng/mL	265-652 ng/mL
13 years	106-350 ng/mL	130-497 ng/mL	241-612 ng/mL
14 years	120-377 ng/mL	156-554 ng/mL	220-574 ng/mL
15 years	127-391 ng/mL	185-616 ng/mL	199-537 ng/mL
16 years	-	201-648 ng/mL	180-501 ng/mL
17 years	-	-	161-467 ng/mL
18 years	-	-	144-434 ng/mL



visit our website for more information:

**WWW.ARUPLAB.COM**

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology.

**ARUP LABORATORIES**

500 Chipeta Way

Salt Lake City, UT 84108

Phone: (800) 522-2787

Fax: (801) 583-2712

[www.aruplab.com](http://www.aruplab.com) | [www.aruplab.com](http://www.aruplab.com)