

## Growth Hormone, Serum

**Test ID:** HGH

### Explanation:

On the effective date the reference values will be updated to include pediatric ranges.

Current Reference Value	New Reference Value
<p>Adults Males: 0.01-0.97 ng/mL Females: 0.01-3.61 ng/mL Reference intervals have not been formally verified in-house for pediatric and adolescent patients. The published literature indicates that reference intervals for adult, pediatric, and adolescent patients are comparable.</p>	<p>Males: 2-&lt;7 years:* 0.05-5.11 ng/mL 7-&lt;12 years:* 0.02-4.76 ng/mL 12-&lt;14 years:* 0.01-6.20 ng/mL 14-&lt;18 years:* 0.02-3.81 ng/mL &gt; or =18 years: 0.01-0.97 ng/mL</p> <p>Females: 2-&lt;7 years:* 0.05-5.11 ng/mL 7-&lt;12 years:* 0.02-4.76 ng/mL 12-&lt;14 years:* 0.01-6.20 ng/mL 14-&lt;18 years:* 0.03-5.22 ng/mL &gt; or =18 years: 0.01-3.61 ng/mL</p> <p>*Source: Karbasy K, Lin DC, Stoianov A, et al. Pediatric reference value distributions and covariate-stratified reference intervals for 29 endocrine and special chemistry biomarkers on the Beckman Coulter Immunoassay Systems: a CALIPER study of healthy community children. Clin Chem Lab Med. 2016;54(4):643-657. doi:10.1515/cclm-2015-0558</p> <p>Reference intervals for patients younger than 2 years have not been established.</p>

### Questions

Contact Bethany Feind, Laboratory Resource Coordinator at 800-533-1710.