

**Table 3.** Twenty-four hour GH testing results derived by deconvolution analysis of 187 normal-statured control children and 32 GHD-2 and 33 GHD-1 children with GH deficiency ( values are presented as mean±standard error, SEM) (normal vs. GHD: \* = p<0.004, # = p<0.01, † = <0.03)

Parameter	Tanner I			Tanner II			Tanner III		
	Normal	GHD2	GHD1	Normal	GHD2	GHD1	Normal	GHD2	GHD1
<b>Males (n)</b>	<b>52</b>	<b>14</b>	<b>9</b>	<b>23</b>	<b>5</b>	<b>7</b>	<b>17</b>	<b>3</b>	<b>6</b>
Mean Serum 24h GH Concentration (µg/L)	4.03±0.2	2.13±0.2*	1.99±0.4*	4.17±0.1	2.26±0.5*	2.14±0.3*	5.11±0.3	2.84±0.1*	2.79±0.5*
Number of Secretory Bursts/24h	8.9±0.4	9.1±0.8	8.9±0.9	10.8±0.4	7.20±0.6*	6.95±0.9*	12.9±0.1	12±0.8	11.8±0.9
Daily GH Secretion Rate (µg/L/24h)	218±13	165±15#	158±25#	275±17	117±29#	114±35#	312±34	208±22#	201±31#
Total GH Secretion (µg/24h)	524±53	339±36*	325±42*	681±46	361±14*	355±23*	1119±108	506±78*	501±82*
<b>Females (n)</b>	<b>52</b>	<b>6</b>	<b>5</b>	<b>24</b>	<b>3</b>	<b>4</b>	<b>19</b>	<b>1</b>	<b>2</b>
Mean Serum 24h GH Concentration (µg/L)	4.13±0.20	2.13±0.3*	1.96±0.4*	5.16±0.1	3.02±0.1*	2.91±0.3*	5.83±0.1	3.83	3.55±0.3*
Number of Secretory Bursts/24h	10.1±0.50	11.4±0.6	10.8±0.9	11.2±0.50	7.5±0.30*	7.0±0.5*	11.1±1	11	10.8±0.5
Daily GH Secretion Rate (µg/L/24h)	245±14	173±30†	170±21†	361±21	193±18†	188±25†	327±27	206†	200±4†
Total GH Secretion (µg/24h)	611±62	373±68*	369±55*	1023±129	431±77*	426±68*	1059±143	535	519±18*