

Supplementary Table 1

Median (25-75 percentiles) levels of serum-testosterone measured by LC-MS/MS and immunoassay in girls and boys according to years to pubarche (PH2+) (each child +/- 3 months of age in same group). *Significant difference in median level compared to the level six months earlier (p≤0.05).

Testosterone nmol/L	Time to PH2+ (years)								
	-2	-1.5	-1	-0.5	0	0.5	1	1.5	2
Girls									
Immunoassay	<0.23 (<0.23-<0.23)	<0.23 (<0.23-<0.23)	<0.23 (<0.23-<0.23)	<0.23 (<0.23-<0.23)	<0.23 (<0.23-0.41)	0.30 (<0.23-0.43)	0.48* (<0.23-0.94)	0.65 (0.24-0.82)	0.72 (0.39-1.07)
LC-MS/MS	<0.10 (<0.10-0.24)	0.18 (<0.10-0.26)	0.19 (0.15-0.30)	0.25 (0.15-0.37)	0.32 (0.27-0.57)	0.47* (0.41-0.67)	0.67* (0.60-1.21)	0.71 (0.70-1.07)	0.72 (0.44-1.13)
Boys									
Immunoassay	<0.23 (<0.23-<0.23)	<0.23 (<0.23-<0.23)	<0.23 (<0.23-0.30)	0.74* (<0.23-1.55)	2.26* (1.48-5.55)	4.68* (3.50-7.65)	10.85* (7.13-11.68)	14.44* (12.10-14.56)	14.13 (12.44-15.77)
LC-MS/MS	0.28 (0.23-0.32)	0.29 (0.18-0.58)	0.31* (0.20-0.99)	1.12* (0.62-2.34)	2.77* (2.38-8.61)	5.86* (4.85-9.06)	12.90* (7.52-15.14)	14.72* (13.76-15.39)	14.63 (14.47-16.90)