

Table S1. Age- and sex-specific normal ranges used for serum alkaline phosphatase (ALP) and inorganic phosphorous (Pi).

Age groups (years)	Boys	Girls
ALP (U/l) [16] *		
1-9	156-369	156-369
10-12	141-460	141-460
13-14	127-517	62-280
15-16	89-365	54-128
17-18	59-164	48-95
Pi (mmol/l) [17]		
5-13	1.19-1.74	1.29-1.68
14-15	1.13-1.52	1.13-1.58
16-17	1.0-1.52	1.0-1.52

*References ranges established from Abbott ARCHITECT analyser.

Table S2. Normality of Parameters Assessed.

Parameters	Girls		Boys	
	Skewness	Kurtosis	Skewness	Kurtosis
N				
Age (years)	0.3 ± 0.1	-0.9 ± 0.1	0.1 ± 0.1	-0.8 ± 0.1
Height (cm)	-0.1 ± 0.1	0.8 ± 0.1	-0.6 ± 0.1	0.2 ± 0.1
Weight (kg)	0.5 ± 0.1	0.0 ± 0.1	0.3 ± 0.1	0.5 ± 0.1
BMI (kg/m ²)	0.8 ± 0.1	1.4 ± 0.1	0.6 ± 0.1	0.9 ± 0.1
Ca (mmol/l)	-0.1 ± 0.1	2.4 ± 0.1	0.2 ± 0.1	3.1 ± 0.1
Pi (mmol/l)	0.3 ± 0.1	0.3 ± 0.1	0.5 ± 0.1	2.4 ± 0.1
ALP (U/l)	2.3 ± 0.1	7.6 ± 0.1	2.7 ± 0.1	9.7 ± 0.1
25(OH)D (nmol/l)	2.5 ± 0.1	8.7 ± 0.1	2.6 ± 0.1	16.7 ± 0.1

Note: For sample size >300, either an absolute skewness value ≤2 or an absolute kurtosis (excess) ≤4 are used as reference values for determining considerable normality [22, 23].