

Supplementary Table S2. Comparison of results from LC-MS/MS and RIA (cortisol) and GC-MS/MS using Passing-Bablok regression and Bland-Altman procedure (sera from women in follicular phase, women in luteal phase, and from adult men).

Steroid	n	r	Intercept (95 % CI)	Slope (95 % CI)	Difference (95 % CI)	Median (quartiles)	
						LC-MS/MS(RIA)	GC-MS/MS
Pregnenolone	135	0.751	0.53 (0.22, 0.85) *	1.0 (0.81, 1.2)	0.65 (0.44, 0.87)*	1.6 (0.9, 2.9)	2.2 (1.6, 3.5)
17 α -Hydroxypregnenolone	134	0.949	0.56 (0.36, 0.66) *	1.1 (1.0, 1.2)	0.74 (0.48, 1.0)*	3.8 (1.4, 6.2)	4.0 (2.1, 7.1)
Cortisol (vs. LC-MS/MS)	127	0.791	-38 (-120, 17)	1.2 (1.0, 1.4)	14 (-3.3, 31)	400 (310, 470)	430 (300, 510)
Cortisol (vs. RIA)	119	0.864	-63 (-140, -11) *	0.93 (0.83, 1.1)	-99 (-110, -85)*	520 (430, 650)	
Testosterone	129	0.993	0.57 (0.48, 0.67) *	1.2 (1.1, 1.3)	1.0 (0.81, 1.3)*	0.57 (0.27, 0.98)	1.2 (0.89, 1.7)
Androstenedione	127	0.737	0.091 (-0.57, 0.26)	0.99 (0.77, 1.2)	-0.039 (-0.065, -0.012)*	2.4 (1.7, 3.6)	2.1 (1.6, 3.3)
DHEA	131	0.928	-0.15 (-1, 0.75)	0.90 (0.80, 0.99)*	-0.055 (-0.073, -0.037)*	11 (7.1, 20)	9.0 (6.3, 16)

* Intercept and difference between method significantly different from zero and slope significantly different from 1. Results are shown in nmol/l. Symbol r represent a correlation coefficient between results from LC-MS/MS (RIA) and GC-MS/MS.