

Supplementary Table S1. Absolute recovery rate with each preparation condition of liquid-liquid extraction.

Analytes	Absolute recovery rate (%)				
Solvent 1	AcOEt	tBME	AcOEt	tBME	AcOEt/tBME (1:1, v/v)
Solvent 2	AcOEt	tBME	tBME	AcOEt	AcOEt/tBME (1:1, v/v)
Testosterone	97.8	99.0	100	99.0	102
Androsterone	93.4	99.6	95.5	100	105
Epiandrosterone	98.1	110	107	107	117
Cortisol	99.6	101	104	104	105
Cortisone	96.7	95.6	95.2	92.7	97.1
Corticosterone	92.9	86.9	88.6	85.1	89.5
Aldosterone	104	120	116	125	122
Pregnenolone	93.8	106	108	101	108
Progesterone	99.3	101	101	102	104
Estrone	93.7	91.8	100	100	95.2
Estradiol	99.5	102	102	101	103
Estriol	97.4	96.7	97.9	96.7	101

AcOEt, ethyl acetate; LLE, liquid-liquid extraction; tBME, tert-butyl methyl ether.