

Supplementary Table S4. Intra-day assay and inter-day assay in cell samples

(A) Intra-day assay for compounds with analysis of positive ion mode

Analytes	Precision			Accuracy		
	(CV, %)			(RE, %)		
	QCL 0.6 ng/mL	QCM 6 ng/mL	QCH 50 ng/mL	QCL 0.6 ng/mL	QCM 6 ng/mL	QCH 50 ng/mL
Testosterone	2.34	2.37	2.41	10.6	6.82	-10.4
Androsterone	10.6	7.06	5.42	2.34	4.00	-5.66
Epiandrosterone	1.24	8.99	5.23	2.22	3.50	-7.58
DHEA	8.97	7.12	5.34	-9.25	-2.13	-6.82
Cortisol	1.81	5.23	4.39	10.3	6.88	-8.36
Cortisone	0.932	6.76	1.04	12.1	10.5	-10.0
Corticosterone	0.770	5.32	2.75	8.91	-1.24	-17.5
Aldosterone	3.68	7.73	1.43	-30.0	-12.3	-8.14
Pregnenolone	6.88	6.07	8.10	-1.32	-6.67	-9.43
Progesterone	1.60	3.85	3.68	4.59	0.759	-8.90

—

(B) Intra-day assay for compounds with analysis of negative ion mode

Analytes	Precision			Accuracy		
	(CV, %)			(RE, %)		
	QCL 0.06 ng/mL	QCM 0.6 ng/mL	QCH 50 ng/mL	QCL 0.06 ng/mL	QCM 0.6 ng/mL	QCH 50 ng/mL
Estrone	4.72	5.47	3.34	9.43	5.22	2.25
Estradiol	4.06	1.99	3.03	0.140	4.89	-4.71
Estriol	11.6	2.71	5.70	-3.78	-4.58	-18.5

CV, coefficient of variation; N.Q., not quantified; QCH, high concentration of quality control level; QCL, low concentration of quality control level; QCM, medium concentration of quality control level; RE, Relative error.

(C) Inter-day assay for compounds with analysis of positive ion mode

Analytes	Precision			Accuracy		
	(CV, %)			(RE, %)		
	QCL 0.6 ng/mL	QCM 6 ng/mL	QCH 50 ng/mL	QCL 0.6 ng/mL	QCM 6 ng/mL	QCH 50 ng/mL
Testosterone	9.91	4.00	2.51	-15.0	3.27	-9.03
Androsterone	24.2	7.78	5.87	-5.73	0.425	-3.05
Epiandrosterone	23.9	6.83	7.46	-16.3	1.86	-3.83
DHEA	13.0	9.50	3.49	-3.14	-1.969	-3.26
Cortisol	3.29	2.60	3.45	1.42	0.563	-4.41
Cortisone	3.57	1.70	2.78	-2.51	0.415	-11.1
Corticosterone	6.95	3.31	2.22	-2.50	0.271	-8.36
Aldosterone	16.0	6.38	7.04	-5.72	18.0	10.7
Pregnenolone	11.0	8.23	6.55	0.848	-4.48	-1.70
Progesterone	6.49	2.82	2.48	-2.57	-0.582	-3.95

(D) Inter-day assay for compounds with analysis of negative ion mode

Analytes	Precision			Accuracy		
	(CV, %)			(RE, %)		
	QCL 0.06 ng/mL	QCM 0.6 ng/mL	QCH 50 ng/mL	QCL 0.06 ng/mL	QCM 0.6 ng/mL	QCH 50 ng/mL
Estrone	6.31	4.18	3.32	-1.90	-7.49	-8.59
Estradiol	5.49	4.42	3.39	5.44	8.04	-9.25
Estriol	5.46	5.11	2.59	5.28	-0.281	-10.8

CV, coefficient of variation; N.Q., not quantified; QCH, high concentration of quality control level; QCL, low concentration of quality control level; QCM, medium concentration of quality control level; RE, Relative error.