

Supplemental Table S1. Comparative Quantification from Serum Steroid Profiles between Groups				
Steroid, ng/mL	NFA (<i>n</i> =92)	CS (n=30)	PA (<i>n</i> =40)	P value
17α-ΟΗΡ	0.7 (0.3–1.3)	0.8 (0.6–1.3)	1.0 (0.6–1.5)	0.235
Corticosterone	2.3 (1.4–4.8)	3.7 (1.7-8.2)	3.2 (1.9–6.2)	0.115
11-DeoxyF	0.4 (0.2–0.7)	0.7 (0.3-1.0) ^a	0.6 (0.2–0.7)	0.020
THE	39.2 (23.8–48.7)	20.4 (13.0-51.1) ^b	10.0 (7.1–30.5) ^a	< 0.001
20α-DHF	2.2 (1.2–3.0)	2.6 (1.2-5.5) ^b	1.7 (1.2–2.3)	0.041
18-OHF	0.5 (0.3–0.8)	0.4 (0.2-0.6) ^b	1.0 (0.5–1.4) ^a	< 0.001
THF	22.0 (16.3–28.4)	26.1 (13.4–35.6) ^b	15.2 (12.4–21.8)	0.006
Allo-THF	20.3 (10.4–32.5)	14.5 (9.1–21.9)	18.7 (13.8–25.4)	0.126
Cortisol (F)	87.3 (57.3–123.1)	93.9 (60.1–135.5)	95.5 (55.0–111.2)	0.668
Cortisone (E)	18.3 (13.9–21.1)	15.3 (12.2–20.1)	15.7 (11.7–19.8)	0.289
6β-ОНГ	0.6 (0.4–0.7)	0.7 (0.4-1.6) ^b	0.4 (0.3–0.6)	0.006
DHEA	1.3 (0.6–2.0)	$0.4 (0.1 - 1.6)^{*,b}$	2.4 (1.8–4.2) ^a	< 0.001
Androstenedione	1.1 (0.8–1.6)	0.9 (0.5–1.4)	1.1 (0.9–1.4)	0.260
DHEA-S	549.9 (245.9–895.9)	276.4 (88.9–713.9) ^{a,b}	1,130.3 (518.9–1,903.9)	< 0.001
Preg-S	22.4 (13.5–31.5)	22.4 (9.2-46.5) ^b	28.4 (22.3-62.9)	0.003

Values are expressed as median (interquartile range). The *P* value indicates group differences by the analysis of covariance (ANCOVA) adjusted by age and gender between NFA, CS and PA. The serum levels of steroids are expressed as ng/mL.

NFA, nonfunctioning adenoma; CS, Cushing's syndrome; PA, primary aldosteronism; 17α -OHP, 17α -hydroxypregnenolone; 11-deoxyF, 11-deoxycortisol; THE, tetrahydrocortisone; 20α -DHF, 20α -dihydrocortisol; 18-OHF, 18-hydroxycortisol; THF, tetrahydrocortisol; 6β -OHF, 6β -hydroxycortisol; DHEA, dehydroepiandrosterone; DHEA-S, DHEA-sulfate; Preg-S, pregnenolone sulfate.

^aDifference (*P*<0.05) from NFA; ^bDifference (*P*<0.05) from PA.