



Diagram indicating serum and urine steroid profiling in patient with ACC (case one). HRAM: high-resolution accurate mass.

Abbreviations: An, androsterone; 6B-OH-cortisol, 6β-hydroxycortisol; 11B-OH-AN, 11β-hydroxyandrosterone; 11B-OH-ET, 11-hydroxyetiocholanolone; DHEA, dehydroepiandrosterone; DHEAS, dehydroepiandrosterone sulfate; 16a-DHEA, 16-hydroxydehydroepiandrosterone; Etio, etiocholanolone; 17HP, 17α-hydroxypregnanolone; HRAM, high resolution accurate mass; 11-OXO-ET, 11-oxoetiocholanolone; PD, pregnanediol; 5PD, pregnenediol; PT, pregnanetriol; 5PT, pregnenetriol; PTONE, pregnanetriolone; THB, tetrahydrocorticosterone; THDOC, tetrahydrodeoxycorticosterone; THE, tetrahydrocortisone; THF, tetrahydrocortisol; 5a-THF, 5a-tetrahydrocortisol; THS, tetrahydrodeoxycortisol.

Urine steroid metabolites

Z score		
>10	Greatly elevated	
+5 to +10	Elevated	
+2 to +5	Mildly elevated	
-2 to +2	Normal	

Serum steroid precursors

Elevated

Included in HRAM metabolite panel	Enzyme
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