

<b>Biochemical Testing</b>	Case 1	Case 2	Reference values
8 a.m. serum cortisol following 1 mg overnight dexamethasone suppression test, $\mu\text{g/dL}$	<b>16</b>	<b>4.1</b>	< 1.8
ACTH, pg/mL	10	28	7.2-63
DHEA-sulfate, $\mu\text{g/dL}$	<b>401</b>	54.8	5.3-124
Aldosterone, ng/dL	9.7	6.2	< 21
Plasma renin activity, ng/mL/h	3.8	4.58	2.9-10.8
Plasma metanephrines, nmol/L	< 0.2	< 0.2	< 0.5
Plasma normetanephrines, nmol/L	0.48	0.7	< 0.9
Urine-free cortisol, $\mu\text{g}/24\text{h}$	19	21	3.5-45
Serum steroid profiling			
11-deoxycortisol, ng/dL	<b>3,200</b>	25	10-79
17 $\alpha$ -hydroxyprogesterone, ng/dL	N/A	28	< 51
17 $\alpha$ -hydroxypregnenolone, ng/dL	64	< 40	31-455
Androstenedione, ng/dL	<b>2,320</b>	N/A	30-200
ACTH: adrenocorticotrophic hormone, DHEA: dehydroepiandrosterone			