

Reference Material: Second-tier Congenital Adrenal Hyperplasia by LC-MS/MS

Product ID: CAHQC-11

Expiration Date: March 2025

Analysis Method: LC-MS/MS

Material Storage: -20°C ± 10°C

Units: ng/mL serum

Lot	Analyte	Enrichment	Mean Value	95% LL	95% UL
A2311	17 α-Hydroxyprogesterone (17OHP2)	0	1.0	0.0	2.4
A2311	4-Androstenedione (4AD)	0	1.3	0.0	2.8
A2311	Cortisol (CORT2)	0	0.8	0.0	2.2
A2311	11-Deoxycortisol (11D2)	0	1.0	0.0	2.7
A2311	21-Deoxycortisol (21D2)	0	0.8	0.0	2.2
B2311	17 α-Hydroxyprogesterone (17OHP2)	10	13.5	8.9	18.1
B2311	4-Androstenedione (4AD)	10	12.7	9.0	16.4
B2311	Cortisol (CORT2)	10	13.6	8.4	18.8
B2311	11-Deoxycortisol (11D2)	10	10.4	7.3	13.5
B2311	21-Deoxycortisol (21D2)	10	14.0	9.7	18.2
C2311	17 α-Hydroxyprogesterone (17OHP2)	50	46.6	36.4	56.7
C2311	4-Androstenedione (4AD)	50	55.1	41.3	68.8
C2311	Cortisol (CORT2)	50	52.2	38.9	65.4
C2311	11-Deoxycortisol (11D2)	50	41.0	28.6	53.5
C2311	21-Deoxycortisol (21D2)	50	49.5	35.1	63.9
D2311	17 α-Hydroxyprogesterone (17OHP2)	100	88.6	71.4	105.8
D2311	4-Androstenedione (4AD)	100	103.8	80.5	127.0
D2311	Cortisol (CORT2)	100	103.1	82.5	123.7
D2311	11-Deoxycortisol (11D2)	100	80.8	64.0	97.7
D2311	21-Deoxycortisol (21D2)	100	96.7	75.9	117.6
E2311	17 α-Hydroxyprogesterone (17OHP2)	500	432.2	357.4	507.0
E2311	4-Androstenedione (4AD)	500	551.4	445.0	657.7
E2311	Cortisol (CORT2)	500	534.6	466.4	602.8
E2311	11-Deoxycortisol (11D2)	500	406.8	337.1	476.4
E2311	21-Deoxycortisol (21D2)	500	488.4	406.6	570.2