

Quality Control Certificate



Steroid-Panel LC-MS

REF 30191875	LOT MST117	2027-05-31 YYYY-MM-DD
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Final Release Results in ng/mL:

	CONTROL L			
	Concentration	Acceptable range		
	found ng/mL	lower limit ng/mL	target value ng/mL	upper limit ng/mL
11-Deoxycorticosterone	0.192	0.129	0.185	0.240
11-Deoxycortisol	0.466	0.289	0.444	0.600
21-Deoxycortisol	0.410	0.301	0.430	0.558
Androstenedione	0.446	0.328	0.469	0.610
Cortisol	8.63	5.91	8.45	10.98
Cortisone	2.60	1.61	2.30	2.99
Progesterone	0.442	0.315	0.450	0.585
Testosterone	0.266	0.185	0.265	0.344
17α-Hydroxyprogesterone	0.398	0.307	0.438	0.570
Dihydrotestosterone	0.305	0.212	0.303	0.394
Corticosterone	1.38	0.93	1.33	1.73
Dexamethasone	2.34	1.67	2.39	3.10
Dehydroepiandrosterone	3.17	2.23	3.43	4.62
Dehydroepiandrosterone-3-sulfate	222	146	224	302
Aldosterone	0.370	0.247	0.353	0.459
17β-Estradiol	0.143	0.102	0.146	0.190
Estrone	0.0471	0.0326	0.0466	0.0606
17α-Hydroxypregnenolone	1.33	0.98	1.40	1.82

	CONTROL H			
	Concentration	Acceptable range		
	found ng/mL	lower limit ng/mL	target value ng/mL	upper limit ng/mL
	3.64	2.49	3.56	4.63
	9.42	5.87	9.03	12.19
	9.99	6.94	9.92	12.89
	9.15	5.98	8.55	11.11
	184	125	179	233
	46.2	31.2	44.5	57.9
	9.24	6.17	8.81	11.46
	7.29	4.92	7.03	9.14
	10.69	7.10	10.14	13.19
	1.332	0.914	1.306	1.698
	27.9	18.8	26.9	35.0
	39.3	30.0	42.8	55.7
	34.0	21.8	33.5	45.2
	4119	2799	4307	5814
	3.34	2.28	3.25	4.23
	2.72	1.88	2.69	3.49
	0.881	0.622	0.888	1.154
	27.4	19.7	28.2	36.6

Composition Part A:

REF		LOT	
30191869	CONC PHASE A	K336	2027-07
30191870	CONC PHASE B	K336	2027-07
30191871	CONC WASH 1	K361	2027-09
30191873	CONC WASH 2	K362	2027-09
30191874	CONC RECONST	K364	2027-09
30203358	CONC EXTRACT	K365	2027-09
30201673	CONC ELUTION	K363	2027-09
30208333	SPE COL	24160081-1	2034-04
30208335	CONSUMABLES	K366	2030-09

Composition Part B:

REF		LOT	
30199458	LYO CAL ZERO	K322	2027-05
30191864	LYO CAL A-F	K323	2027-05
30191866	LYO CONTROL L	K324	2027-05
30191867	LYO COTROL H	K325	2027-05
30191868	INT STD	K335	2027-05

Valid edition of the instructions for use: Version 2025-08

This product has been tested successfully by the Quality Control Department and was released for sale according to the existing specifications.

Verified by: **Dr. Spangenberg**

Validation date: **2025-10-15**

Accepted

This document has been produced electronically and is valid without a signature.



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Steroid-Panel LC-MS

REF 30191875	LOT MST117	2027-05-31 YYYY-MM-DD
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Final Release Results in nmol/L:

	CONTROL L			
	Concentration	Acceptable range		
	found nmol/L	lower limit nmol/L	target value nmol/L	upper limit nmol/L
11-Deoxycorticosterone	0.581	0.392	0.560	0.728
11-Deoxycortisol	1.346	0.835	1.284	1.733
21-Deoxycortisol	1.186	0.869	1.242	1.614
Androstenedione	1.556	1.146	1.636	2.127
Cortisol	23.83	16.32	23.31	30.30
Cortisone	7.19	4.46	6.38	8.29
Progesterone	1.407	1.002	1.431	1.860
Testosterone	0.923	0.643	0.918	1.193
17α-Hydroxyprogesterone	1.204	0.930	1.328	1.726
Dihydrotestosterone	1.049	0.730	1.044	1.357
Corticosterone	3.99	2.70	3.86	5.01
Dexamethasone	5.97	4.26	6.09	7.92
Dehydroepiandrosterone	11.01	7.73	11.88	16.04
Dehydroepiandrosterone-3-sulfate	601	395	607	820
Aldosterone	1.025	0.685	0.978	1.271
17β-Estradiol	0.526	0.375	0.535	0.696
Estrone	0.1742	0.1207	0.1724	0.2241
17α-Hydroxypregnenolone	4.02	2.95	4.22	5.48

	CONTROL H			
	Concentration	Acceptable range		
	found nmol/L	lower limit nmol/L	target value nmol/L	upper limit nmol/L
11.03	7.55	10.79	14.03	
27.23	16.96	26.10	35.23	
28.88	20.07	28.67	37.27	
31.93	20.88	29.83	38.78	
507	346	494	643	
128.0	86.3	123.3	160.3	
29.40	19.62	28.02	36.43	
25.30	17.07	24.38	31.70	
32.40	21.51	30.73	39.95	
4.582	3.146	4.494	5.842	
80.6	54.5	77.8	101.2	
100.3	76.4	109.2	142.0	
117.8	75.6	116.3	157.0	
11163	7586	11671	15755	
9.25	6.31	9.01	11.72	
9.98	6.91	9.86	12.82	
3.261	2.300	3.285	4.271	
82.4	59.4	84.8	110.3	

Composition Part A:

REF		LOT	
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30191870	CONC PHASE B	K336	2027-07
30191871	CONC WASH 1	K361	2027-09
30191873	CONC WASH 2	K362	2027-09
30191874	CONC RECONST	K364	2027-09
30203358	CONC EXTRACT	K365	2027-09
30201673	CONC ELUTION	K363	2027-09
30208333	SPE COL	24160081-1	2034-04
30208335	CONSUMABLES	K366	2030-09

Composition Part B:

REF		LOT	
30199458	LYO CAL ZERO	K322	2027-05
30191864	LYO CAL A-F	K323	2027-05
30191866	LYO CONTROL L	K324	2027-05
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