



AN ITALIAN COMPANY THAT RESEARCHES, DEVELOPS AND PRODUCES READY TO USE KITS
USING CHROMATOGRAPHIC TECHNIQUES FOR CLINICAL LABORATORIES

LIOPHYLIZED CALIBRATOR FOR STEROID HORMONES IN PLASMA

(11-Deoxycorticosterone, 11-Deoxycortisol, 17-OH-Pregnenolone, 17-OH-Progesterone, 21-Deoxycortisol, Aldosterone, Androstenedione, Androsterone, Corticosterone, Cortisol, Cortisone, DHEA, DHEAS, Dihydrotestosterone, β -Estradiol, Estrone, Pregnenolone, Progesterone, Testosterone)

Code LC72316

TO USE WITH THE KITS CODE LC72310-15 and LC72410-15

PURPOSE

These calibrators in plasma are used to calibrate the HPLC system for the quantitative measurement of analytes contained therein. Each analyte has a concentration that allows the construction of a curve on a point. The calibrators are freeze-dried human matrix and should be handled as if they were a real patient sample.

RECONSTITUTION

Remove the metal seal and rubber stopper from the vial. Add exactly 1 ml of HPLC grade H₂O in the vial. Replace the rubber stopper, shake and let stand for 5 to 10 minutes. Before use, mix by inverting the vial to dissolve the material until a homogeneous clear solution.

STORAGE AND STABILITY

The calibrators are stable for 36 months from the date of preparation if stored at 2-8 ° C. After reconstitution are stable 7 days at 2-8 ° C and 6 months at -20 ° C. Do not use after the expiry date.

PRECAUTIONS

These calibrators in human matrix should be treated with care and treated as potentially infectious.

		
024	Sept 2023	Sept 2026

PACKAGING AVAILABLE:

- LC72316 CALIBRATOR FOR STEROID HORMONES IN PLASMA

7 x 2 x 1 ml

Release N° 002

June 2019

CONCENTRATIONS
CODE LC72316

		
024	Sept 2023	Sept 2026

ANALYTE	MEASUREMENT UNIT	C0	C1	C2	C3	C4	C5	C6
11-DEOXYCORTICOSTERONE	ng/ml	n.d.	0,088	0,210	0,400	3,900	8,038	18,320
11-DEOXYCORTISOL	ng/ml	n.d.	0,064	0,130	0,252	2,26	4,40	10,24
17-OH-PREGNENOLONE	ng/ml	n.d.	0,124	0,300	0,434	3,458	6,938	15,570
17-OH- PROGESTERONE	ng/ml	n.d.	0,052	0,101	0,249	1,738	3,303	8,017
21-DEOXYCORTISOL	ng/ml	n.d.	0,023	0,045	0,075	0,608	1,308	2,760
ALDOSTERONE	ng/ml	n.d.	0,019	0,036	0,067	0,720	1,277	3,207
ANDROSTENEDIONE	ng/ml	n.d.	0,064	0,127	0,236	2,195	3,943	7,416
ANDROSTERONE	ng/ml	n.d.	0,216	0,413	0,775	6,907	13,329	29,043
CORTICOSTERONE	ng/ml	n.d.	0,18	0,42	0,83	7,69	15,76	35,64
CORTISOL	ng/ml	n.d.	2,5	6,9	15,2	144,5	256,1	466,8
CORTISONE	ng/ml	n.d.	2,2	8,5	20,6	175,2	288,4	459,7
DHEA	ng/ml	n.d.	0,320	0,773	1,511	14,205	29,415	69,840
DHEAS	ng/ml	n.d.	55,0	113,5	208,6	1.795,7	3.449,2	6.373,9
DIHYDROTESTOSTERONE	ng/ml	n.d.	0,067	0,149	0,349	3,463	6,755	14,895
β-ESTRADIOL	ng/ml	n.d.	0,018	0,052	0,117	1,19	2,29	5,30
ESTRONE	ng/ml	n.d.	0,010	0,022	0,044	0,400	0,825	1,998
PREGNENOLONE	ng/ml	n.d.	0,044	0,165	0,219	1,476	3,788	7,383
PROGESTERONE	ng/ml	n.d.	0,226	0,430	0,735	8,00	13,33	33,94
TESTOSTERONE	ng/ml	n.d.	0,139	0,279	0,525	4,866	9,745	20,789

This product fulfils all the requirements of Directive 98/79/EC of 27/10/1998 on *in vitro* diagnostic medical devices (IVD). The declaration of conformity is available upon request.



FOR *IN VITRO* DIAGNOSTIC USE ONLY

produced by

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
= ISO 9001 =
= ISO 13485 =



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