

## **AbsoluteIDQ<sup>®</sup> Steroid Testmix**

Steroid hormone Testmix für system suitability tests, dried

Order no. 9120052120509

### **Intended use**

AbsoluteIDQ<sup>®</sup> Steroid Testmix contains 17 steroids without matrix and without internal standards. It serves to check the performance of your LC-MS/MS system in combination with the AbsoluteIDQ<sup>®</sup> Stero17 Kit. After reconstitution it can be used for direct injection from the glass vial. Inject 20 µL.

For research purposes only.

### **Reconstitution**

Resuspend the dried content of the vial with 1 mL 25 % methanol in purified water (Milli-Q), close the vial and shake vigorously for a few seconds.

### **Storage and Stability**

When stored below -18 °C the unopened Testmix is stable for at least 3 months. Stored below -70 °C the unopened Testmix is stable until the expiry date given in the top table on the next page. The reconstituted Testmix can be stored up to one week in the autosampler at 10 °C.

### **Notes**

Use a second vial with 25 % methanol in purified water (Milli-Q) as blank.

### **Pack Size**

Testmix 1 x 1 mL

### **Precautions**

Potential “external” sources for false-positive signals might come from pregnant women (progesterone) or persons who are undergoing hormone therapy. These persons should be excluded from working with the AbsoluteIDQ<sup>®</sup> Steroid Testmix, since transmission of interfering contaminants through saliva and hand sweat can take place.

**Concentrations**

Absolute**IDQ**<sup>®</sup> Steroid Testmix

	<b>Steroid Hormone</b>	<b>Concentration [ng/mL]</b>	<b>Content [ng]</b>
1	Aldosterone	1	1
2	Androstenedione	0.64	0.64
3	Androsterone	1.2	1.2
4	Corticosterone	1.2	1.2
5	Cortisol	40	40
6	Cortisone	4	4
7	11-Deoxycorticosterone	1.2	1.2
8	11-Deoxycortisol	0.4	0.4
9	DHEA	2.4	2.4
10	DHEAS	640	640
11	Dihydrotestosterone (DHT)	0.24	0.24
12	Estradiol-17-beta (E2)	0.8	0.8
13	Estrone (E1)	1.2	1.2
14	Etiocolanolone	1.2	1.2
15	17 $\alpha$ -Hydroxyprogesterone	2	2
16	Progesterone	1.2	1.2
17	Testosterone	0.4	0.4

**Technique of Analysis**

Absolute**IDQ**<sup>®</sup> Stero17 Kit (LC-MS/MS)



BIOCRATES Life Sciences AG

Eduard-Bodem-Gasse 8

phone: +43.512.579 823

Internet: [www.biocrates.com](http://www.biocrates.com)

FN 220414p Landesgericht Innsbruck

UID ATU56725128

6020 Innsbruck / Austria

Fax: +43.512.579 823 329

email: [office@biocrates.com](mailto:office@biocrates.com)