



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

CALIBRATOR IN WHOLE BLOOD FOR ABUSE DRUGS

(Morphine, Codeine, 6-MAM, Cocaine, BEG, Cocaethylene, Ecgonine Methyl Ester, Amphetamine, Methamphetamine, 3,4-MDMA, 3,4-MDA, 3,4-MDE, MBDB, Methadone, EDDP, Buprenorphine, Norbuprenorphine, THC, THC COOH, 11-OH-THC)

Code SC1006B
TO USE WITH KIT CODE SC1000

OBJECTIVE

The calibrators on blood 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 calibration curve of one point. The calibrators are freeze-dried human matrix and should be handled as if they were a real patient sample.

RECOVERY

Remove the metal seal and rubber stopper from the vial. Add exactly 1 ml of HPLC-grade water through the tube. Replace the rubber stopper, allow to stand for at least 30 to 40 minutes. Before use, mix by inverting the vial to dissolve the material until a homogeneous solution.

STORAGE AND STABILITY

The calibrators are stable for 36 months from the date of preparation if stored at -20 ° C. After reconstitution are stable for 1 week at 2-8 °C **except for Cocaine and Cocaethylene that must be reconstituted and analysed in the same day**. Do not use after the expiry date.

PRECAUTIONS

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

LOT		

PACKAGING AVAILABLE:

- SC1006B CALIBRATOR IN WHOLE BLOOD FOR ABUSE DRUGS 4 x 1 ml

N° 004	10/2024
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CONCENTRATIONS

CODE

SC1006B

		

CALIBRATOR

<i>ANALYTE</i>	<i>MEASUREMENT UNIT</i>	<i>VALUE</i>	<i>MEDIUM VALUE OBTAINED $\pm$ DS*</i>
Morphine	ng/ml	30,0	30,1 $\pm$ 0,9
Codeine	ng/ml	25,0	24,3 $\pm$ 3,5
6-Mam	ng/ml	25,0	24,1 $\pm$ 0,9
Methadone	ng/ml	25,0	25,6 $\pm$ 2,0
EDDP	ng/ml	39,0	34,4 $\pm$ 1,7
Ecgonine Methyl Ester	ng/ml	30,0	26,9 $\pm$ 0,7
Cocaine	ng/ml	15,0	16,5 $\pm$ 0,9
Cocaethylene	ng/ml	18,0	17,8 $\pm$ 0,4
Benzoilecgonine	ng/ml	30,0	28,7 $\pm$ 1,3
Amphetamine	ng/ml	27,0	27,0 $\pm$ 0,6
Methamphetamine	ng/ml	40,0	42,1 $\pm$ 2,9
3,4-MDMA	ng/ml	25,0	25,3 $\pm$ 2,2
3,4-MDA	ng/ml	50,0	49,7 $\pm$ 0,5
3,4-MDE	ng/ml	32,0	32,1 $\pm$ 2,1
MBDB	ng/ml	28,0	28,0 $\pm$ 1,1
Buprenorphine	ng/ml	6,0	5,6 $\pm$ 0,7
Norbuprenorphine	ng/ml	8,0	8,0 $\pm$ 0,7
Delta-9-THC-COOH	ng/ml	8,0	7,7 $\pm$ 0,5
Delta-9-THC	ng/ml	10,0	9,5 $\pm$ 0,4
11-OH-THC	ng/ml	9,0	8,9 $\pm$ 0,5

This product fulfills all the requirements of Directive 98/79/EC of 27/10/1998 and D.l.ivo n.332 of 08/09/2000 on in vitro diagnostic medical devices (IVD). The declaration of conformity is available upon request.

**FOR IN VITRO DIAGNOSTIC USE ONLY**

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