



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

CALIBRATOR FOR ANTIBIOTICS IN PLASMA

(Daptomycin, Vancomycin, Linezolid, Levofloxacin, Ciprofloxacin, Gentamycin, Streptomycin, Amikacyn, Teicoplanin, Meropenem, Ceftazidime)

Code LC79016

TO USE WITH THE KIT CODE LC79210

OBJECTIVE

The calibrators in serum 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 seven points. 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 2 months at -20 ° C. Do not use after the expiry date.

Samples for Meropenem should be diluted immediately with MES 1 1 (MES = 2.4 Morpholino etansulfonic Acid 0.1 M pH = 6.5) and then frozen. Separate the serum and store it at - 20 °C.

PRECAUTIONS

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

LOT		

PACKAGING AVAILABLE:

- LC79016 CALIBRATOR FOR ANTIBIOTICS IN PLASMA 7 x 2 x 1 ml

N° 004	09/2025
--------	---------

CONCENTRATIONS
CODE LC79016

LOT		

ANALYTE	MEASUREMENT UNIT	C0	C1	C2	C3	C4	C5	C6
DAPTOMYCIN	mg/l							
VANCOMYCIN	mg/l							
LINEZOLID	mg/l							
LEVOFLOXACIN	mg/l							
CIPROFLOXACIN	mg/l							
GENTAMYCIN	mg/l							
STREPTOMYCIN	mg/l							
AMIKACYN	mg/l							
TEICOPLANIN	mg/l							
MEROPENEM	mg/l							
CEFTAZIDIME	mg/l							

This product fulfills 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



EUREKA S.R.L. LAB DIVISION
Via M. D'Antona 28
60033 Chiaravalle (AN) - Italy
Tel +39 071 7450790
eureka-support@sentinel.it
www.eurekakit.com