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

CONTROL LYOPHIL. IN PLASMA FOR ANTIBIOTICS - LEVELS 1, 2 and 3

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

Code LC79019

PURPOSE

These plasma controls are used for internal quality assurance in clinical-chemical laboratories and are made to keep under control the care and precision of the analytical procedure in charge to the quantitative determination of in the analytes in them included. These lyophilised controls are based on human plasma and are available with mean values in the normal as well as in the pathological range. The controls have to be prepared like patient samples in one series of analyses.

RECONSTITUTION

Remove the metal seal and rubber stopper from the vial. Add exactly 1 ml of HPLC grade H_2O 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 controls in human matrix should be treated with care and treated as potentially infectious.

LOT		
010	March 2023	March 2026

PACKAGING AVAILABLE:

- LC79019 CONTROL IN PLASMA FOR ANTIBIOTICS - LEVELS 1, 2 and 3 ***3 x 5 x 1 ml***

Release N° 002	**July 2019**

CONCENTRATIONS
CODE LC79019

LOT		
010	March 2023	March 2026

ANALYTE	*MEASUREMENT UNIT*	*MEDIUM VALUE L1*	*RANGE L1*	*MEDIUM VALUE L2*	*RANGE L2*	*MEDIUM VALUE L3*	*RANGE L3*
DAPTOMYCIN	**mg/l**	**6,4**	**4,5 – 8,3**	**41,3**	**28,9 – 53,7**	**69,0**	**48,3 – 89,7**
VANCOMYCIN	**mg/l**	**3,7**	**2,6 – 4,8**	**18,6**	**13,0 – 24,2**	**36,0**	**25,2 – 46,8**
LINEZOLID	**mg/l**	**1,3**	**0,9 – 1,8**	**7,2**	**5,0 – 9,4**	**15,9**	**11,1 – 20,6**
LEVOFLOXACIN	**mg/l**	**6,2**	**4,3 – 8,1**	**26,3**	**18,4 – 34,2**	**39,7**	**27,8 – 51,6**
CIPROFLOXACIN	**mg/l**	**4,3**	**3,0 – 5,6**	**20,1**	**14,0 – 26,1**	**29,7**	**20,8 – 38,6**
GENTAMYCIN	**mg/l**	**0,2**	**0,1 – 0,3**	**4,0**	**2,8 – 5,3**	**9,1**	**6,4 – 11,8**
STREPTOMYCIN	**mg/l**	**4,5**	**3,1 – 5,8**	**22,2**	**15,5 – 28,9**	**41,0**	**28,7 – 53,3**
AMIKACYN	**mg/l**	**2,8**	**2,0 – 3,7**	**17,2**	**12,0 – 22,3**	**29,6**	**20,7 – 38,5**
TEICOPLANIN	**mg/l**	**10,0**	**7,0 – 13,1**	**37,2**	**26,1 – 48,4**	**66,3**	**46,4 – 86,2**
MEROPENEM	**mg/l**	**0,9**	**0,7 – 1,2**	**4,1**	**2,9 – 5,3**	**7,9**	**5,5 – 10,3**
CEFTAZIDIME	**mg/l**	**0,5**	**0,3 – 0,6**	**4,7**	**3,3 – 6,1**	**9,4**	**6,6 – 12,2**

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.

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FOR *IN VITRO* DIAGNOSTIC USE ONLY

produced by

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

eureka Lab Division

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EUREKA srl – LAB DIVISION ,
Via Enrico Fermi 25, 60033 Chiaravalle (AN) ITALY
Tel. + 39 071 74 50 790
Fax. + 39 071 74 96 579
info@eurekaone.com
www.eurekakit.com

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