Accepted Manuscript

A culture medium for screening 16S rRNA methylase-producing pan-aminoglycoside resistant Gram-negative bacteria

Patrice Nordmann, Alain Mazé, Esther Culebras, Jan Dobias, Aurélie Jayol, Laurent Poirel

PII: S0732-8893(18)30043-9

DOI: https://doi.org/10.1016/j.diagmicrobio.2018.01.026

Reference: DMB 14530

To appear in:

Received date: 12 December 2017 Revised date: 25 January 2018 Accepted date: 28 January 2018

Please cite this article as: Patrice Nordmann, Alain Mazé, Esther Culebras, Jan Dobias, Aurélie Jayol, Laurent Poirel, A culture medium for screening 16S rRNA methylase-producing pan-aminoglycoside resistant Gram-negative bacteria. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Dmb(2018), https://doi.org/10.1016/j.diagmicrobio.2018.01.026

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

A culture medium for screening 16S rRNA methylase-producing pan-aminoglycoside resistant Gram-negative bacteria

Patrice Nordmann, 1,2,3,4* Alain Mazé, 1,2 Esther Culebras, Jan Dobias, 1,2

Aurélie Jayol, 1,2,3 and Laurent Poirel 1,2,3

¹Medical and Molecular Microbiology Unit, Department of Medicine, Faculty of Science,
University of Fribourg, Fribourg, Switzerland, ²INSERM European Unit (IAME, France),
University of Fribourg, ³Swiss National Reference Center for Emerging Antibiotic Resistance
(NARA), Fribourg, Switzerland, ⁴Institute for Microbiology, University of Lausanne and
University Hospital Centre, Lausanne, Switzerland, and ⁵Microbiology Department, Hospital
Clínico San Carlos, Madrid, Spain

Running title: Screening medium for multiple aminoglycoside resistance

Keywords: 16S rRNA methylases, antibiotic, susceptibility testing, gentamicin, amikacin, tobramycin, netilmicin, kanamycin, plazomicin.

*Corresponding author. Mailing address: Medical and Molecular Microbiology, Department of Medicine, Faculty of Science, University of Fribourg, rue Albert Gockel 3, CH-1700 Fribourg, Switzerland. Phone: 41-26-300-9581. E-mail: patrice.nordmann@unifr.ch

Download English Version:

https://daneshyari.com/en/article/8737233

Download Persian Version:

https://daneshyari.com/article/8737233

<u>Daneshyari.com</u>