



Bruker Microbiology & Infection Diagnostics

Posters @ ECCMID 2024

IR Biotyper®

P0666

Application of Fourier-transform infrared spectroscopy for differentiation of *Mycobacteroides abscessus* complex subspecies

N. Mauder, M. Cordovana, A. Curtoni, L. Pastrone, M. Genco, M. Sorba, S. Fedele, F. Rosati, M.S. Caroppo, A. Camaggi, C. Costa, M. Kostrzewa

P1997

Use of FT-IRS to detect in-patient diversity of vancomycin-resistant *Enterococcus faecium*

M. Cordovana, L.M. Biehl, H. Seifert, K. Xanthopoulou, P.G. Higgins

P2127

Machine learning-based typing of *Clostridium botulinum* by FT-IR spectroscopy: preliminary results

I. Drigo, A. Guolo, A. Rizzardi, M. Cordovana, L. Palazzolo, M. Garbuio, B. Cordioli, L. Zandonà, L. Bano

P2133

Differentiation of *Pseudomonas aeruginosa* clinical outbreaks by Fourier transform infrared spectroscopy

N. Mauder, M. Cordovana, T. Burgwinkel, R. Arazo Del Pino, K. Xanthopoulou, A.F. Wendel, P.G. Higgins

P2134

Evaluating FT-IRS in outbreak detection of vancomycin-resistant *Enterococcus faecium*

M. Cordovana, K. Xanthopoulou, J. Zweigner, P.G. Higgins

P2135

Evaluation of FT-IR spectroscopy and machine learning for the discrimination of *Escherichia coli* and *Shigella* spp.

M. Cordovana, N. Mauder, A.B. Pranada, F. Pankok, U. Loderstaedt, S. Scheithauer, D. Dekker, A.E. Zautner, W. Geißdörfer, J. Overhoff, M. Werner, A. Wille, H. Frickmann

P2142

Application of Fourier transform infrared spectroscopy for a neonatal *Kluyvera ascorbata* clinical outbreak

M. Cordovana, J. Hans, A.B. Pranada

08707

Use of IR Biotyper® to distinguish *Klebsiella pneumoniae* sequence types 16 and 11: Preliminary data

C. Wilhelm, P. Barth, L. Antochévis, R. Oliveira, C. Moonen, R. Guerra, D. Pereira, A. Zavascki, A. Martins, A. Barth

04249 (flash talk, Arena 3, 11:00, April 27th)

Fourier transform infrared spectroscopy reliably differentiates capsular types in hypervirulent and classical *Klebsiella pneumoniae*

M. Cordovana, E. Dogan, M. Kostrzewa, J.A. Bohnert, S.E. Heiden, E. Eger, K. Becker, K. Schaufler, E.A. Idelevich



MALDI Biotyper®

07716

Performance of MBT Lipid Xtract™ Kit for rapid screening of colistin resistance in *Klebsiella pneumoniae*

S. Lockwood, F. Nilsson, I.D. Nix, T. Maier, K. Sparbier, B. Oberheitmann, S. Somajo, O. Ekelund

Molecular Diagnostics

P0731

Performance evaluation of the FluoroType® MTBDR VER 2.0 with dual target detection of *Mycobacterium tuberculosis* complex from native sputum and culture

M. Eckart, L. Wolf, S. Fischer, V. Allerheiligen

P2113

Analytical and clinical equivalence study of a syndromic panel for gastroenteritis on an alternative extraction platform

J. Green, K. Dempsey, M. McCowan

P2899

Analytical and clinical performance of a *Candida auris* IVD real-time PCR kit

J. Green, K. Dempsey, A. Abdolrasouli, F. Mamaische
