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## **ELITechGroup Microbiology is completing its range of solutions to detect resistance to polymyxins.**

Emergence of Polymyxin Resistance (PR) is being increasingly reported among Gram negative bacteria. The identification of the plasmid-mediated colistin resistance determinant MCR-1 and MCR-2 is an additional source of concern. Therefore, an early detection of PR carriers isolates is becoming important. To this end, ELITechGroup Microbiology launched a new **Rapid Polymyxin™ NP** test six months ago, which offers an alternative to the time-consuming broth microdilution method and enables the rapid detection of *Enterobacteriaceae* PR in 2 hours.

ELITech Microbio is now extending its range to the rapid detection of colistin resistance in non-fermenting *Pseudomonas aeruginosa* (**Rapid Polymyxin™ Pseudomonas**) and *Acinetobacter baumannii* (**Rapid Polymyxin™ Acinetobacter**).

In parallel with these 2 products, ELITech Microbio is launching SuperPolymyxin™, a new selective culture medium for the early detection and isolation of Gram-negative bacteria with a reduced susceptibility to polymyxins. It is specially formulated to avoid swarming of *Proteus spp.* and to prevent contamination by Gram-positive bacteria and fungi. The SuperPolymyxin will open new perspectives that will overcome high concentrations of colistin in existing culture media, capable of screening intrinsic PR bacterial species (such as *Serratia marcescens* and *Burkholderia cepacia*) but which are not adapted for screening isolates with acquired, potentially low level of PR.

**Christoph Gauer** (ELITechGroup CEO) declared: *"I wish to underline ELITechGroup cross-disciplinary R&D efforts, made by our molecular and microbiology divisions, to develop innovative solutions that will contribute to more efficient antibiotic stewardship programs. In the present case, we believe that the Rapid Polymyxin tests and the new SuperPolymyxin culture medium will be critical in human medicine for detecting carriers and containing outbreaks due to resistant isolates."*

### **About ELITechGroup Microbiology**

ELITechGroup Microbiology (EM) is a major component of the ELITech Group and relies on its strong credo: to provide reliable and simple diagnostic tools for proximity labs in the Biology area. EM develops innovative products derived from its wide expertise combining agglutination tests, parasite concentrators, and tests in strip format for the identification and antimicrobial susceptibility testing of bacterial and fungal species. EM brings its diagnostic support in the fields of Bacteriology, Mycology and Parasitology.

### **About ELITechGroup**

The ELITech Group is a privately held group of worldwide manufacturers and distributors of in vitro diagnostic equipment and reagents. By bringing together IVD specialty companies that offer innovative products and solutions, ELITechGroup has become a major contributor in advancing clinical diagnostics to laboratories in the proximity market, those operating closer to the patient. The ELITech Group manufactures and distributes diagnostic products for clinical chemistry, microbiology and molecular biology through direct sales and a distribution network encompassing more than 100 countries. For more information contact ELITechGroup (info@elitechgroup.com) or visit our website: [www.elitechgroup.com](http://www.elitechgroup.com)