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CHROMagar KPC

A Petri Dish containing chromogenic medium for the direct detection and presumptive identification of Carbapenem-Resistant Gram-Negative Bacteria.

PD - 420

- Carbapenems are the most appropriate agents and often the only efficient for treating infections caused by multi-resistant gram-negative bacteria.
- Recently, a series of outbreaks of carbapenem-resistant *Klebsiella pneumoniae* and *Pseudomonas aeruginosa* occurred in Israel, due mainly to the presence of the carbapenem hydrolyzing β -lactamase KPC. Early detection of the Carbapenem Resistant Enterobacteriaceae (CRE) strains by routine testing can help controlling their spread during outbreaks and intra/inter-hospital transmission.
- Carbapenem-Resistant Gram-Negative bacteria yield to very serious clinical implications, which can result in treatment failure, morbidity and mortality.
- The implementation of institutional programs performing routine screening tests from stools or rectal swabs can avoid the widespread dissemination of the problem in other patients and in other species, and may help in managing Carbapenem Resistant Gram Negative bacteria outbreaks.
- The medium is based on the classic chromogenic agar CHROMagar Orientation, which provides a great sensitivity in supporting the growth of Gram-Negative Carbapenem-Resistant bacteria, including the most fastidious strains, leading to their easy detection and presumptive identification by their specific colored colonies, according to their chemical and enzymatic properties.



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