

# Prélèvements – Analyses

## Rôle du laboratoire

Marie Laure Lier et Laurent Cavalié

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# Prélèvements

- Géloses « contact » non adaptées
- Ecouvillons floqués avec milieu de transport liquide à privilégier



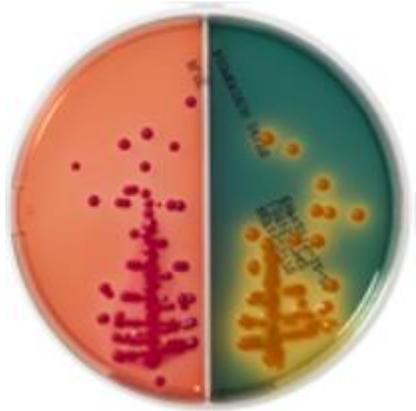
Transwab® Amies MW170



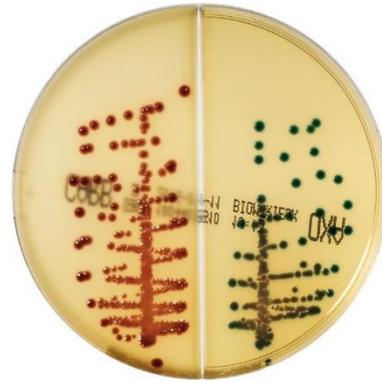
- Pas d'écouvillon sec



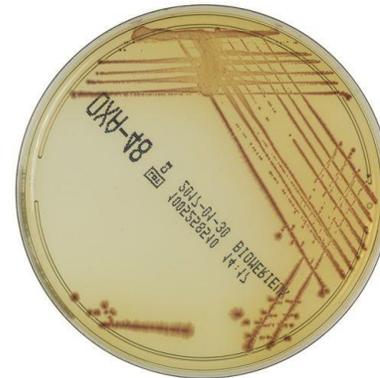
# Milieux de culture sélectifs et chromogènes 18-24h (non exhaustif)



**BLSE**



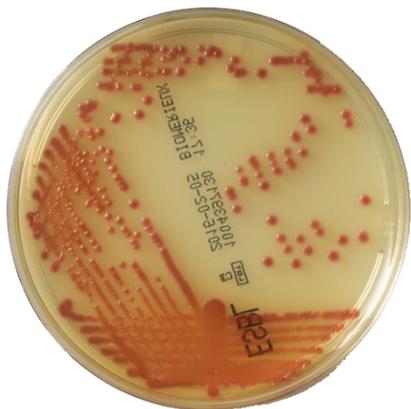
**chromID® CARBA SMART**



**CHROMID® OXA-48**



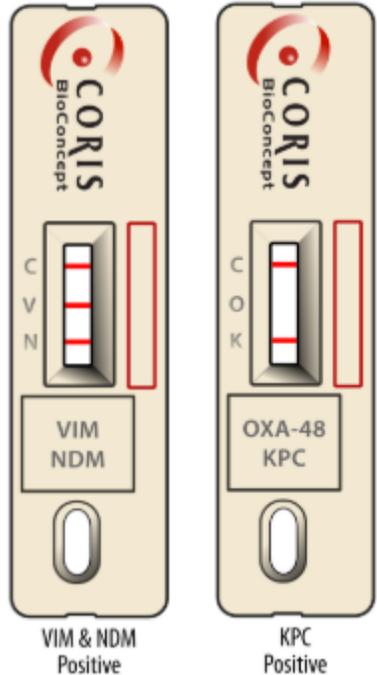
**Brilliance™ CRE**



**CHROMID® BLSE**

# Tests de confirmation (non exhaustif)

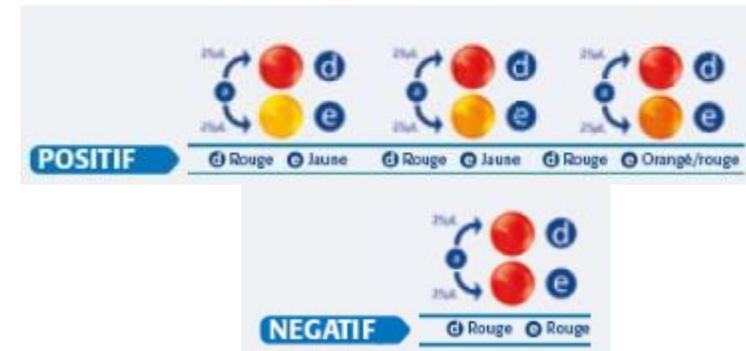
- Sûrs
- Rapides



Pathogen	Product Name
OXA-48, KPC, NDM, VIM	<b>RESIST-4 O.K.N.V.</b>
Also available in RESIST range:	
OXA-48, OXA-163, KPC	<b>RESIST-3 O.O.K. K-SeT</b>
OXA-48, KPC, NDM	<b>RESIST-3 O.K.N. K-SeT</b>
OXA-48	<b>OXA-48 K-SeT</b>
KPC	<b>KPC K-SeT</b>
OXA-48, OXA-163 KPC NDM, VIM	<b>RESIST-5 O.O.K.N.V.</b>



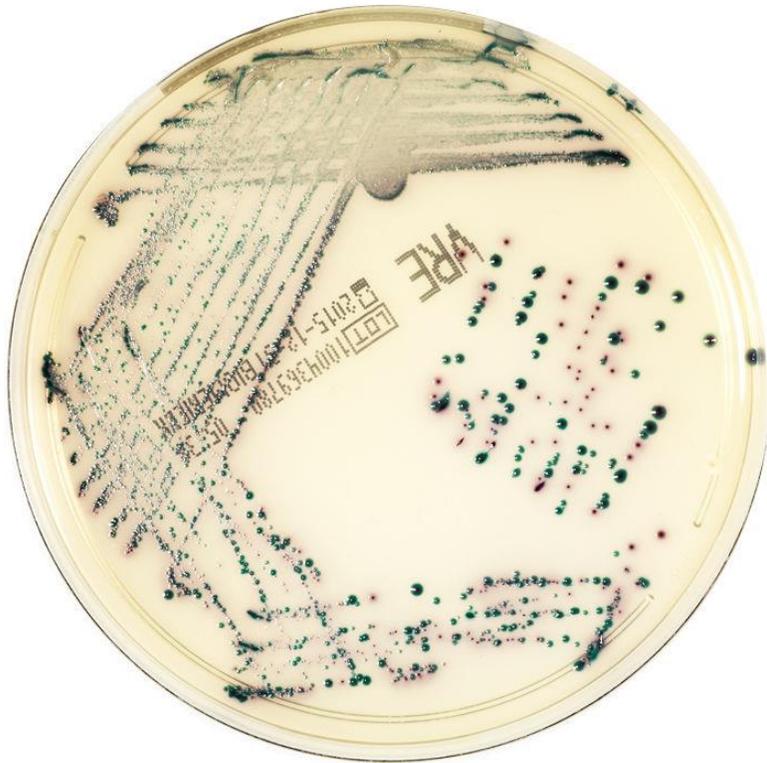
*bla*<sub>KPC NDM VIM OXA-48 IMP</sub>



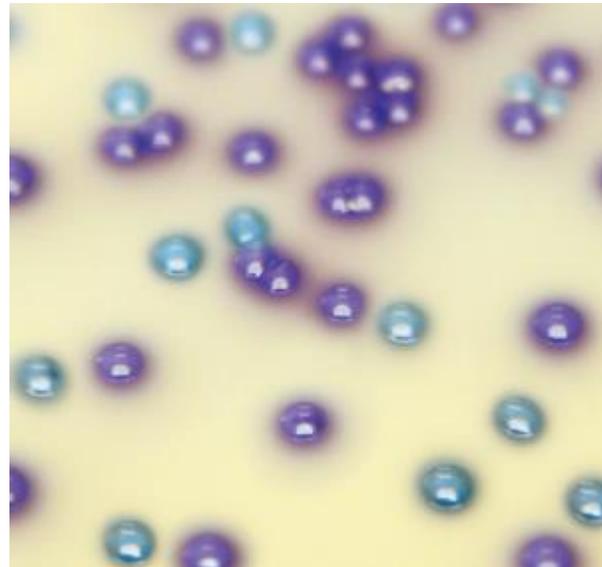
**RAPIDEC® CARBA NP**

# ERG (non exhaustif)

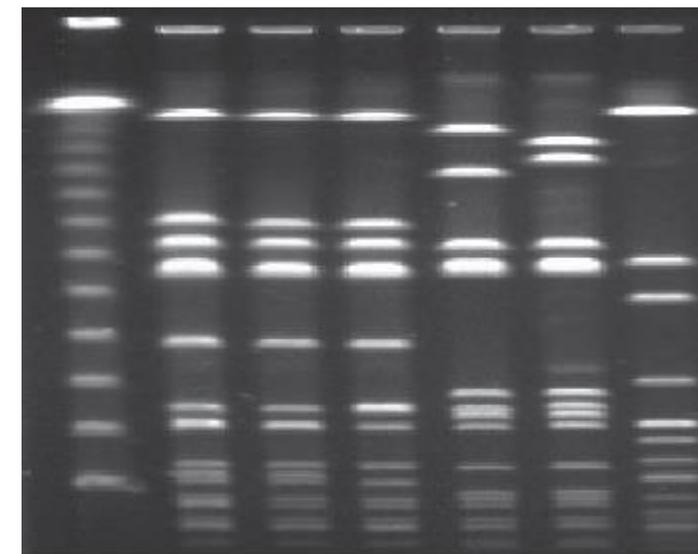
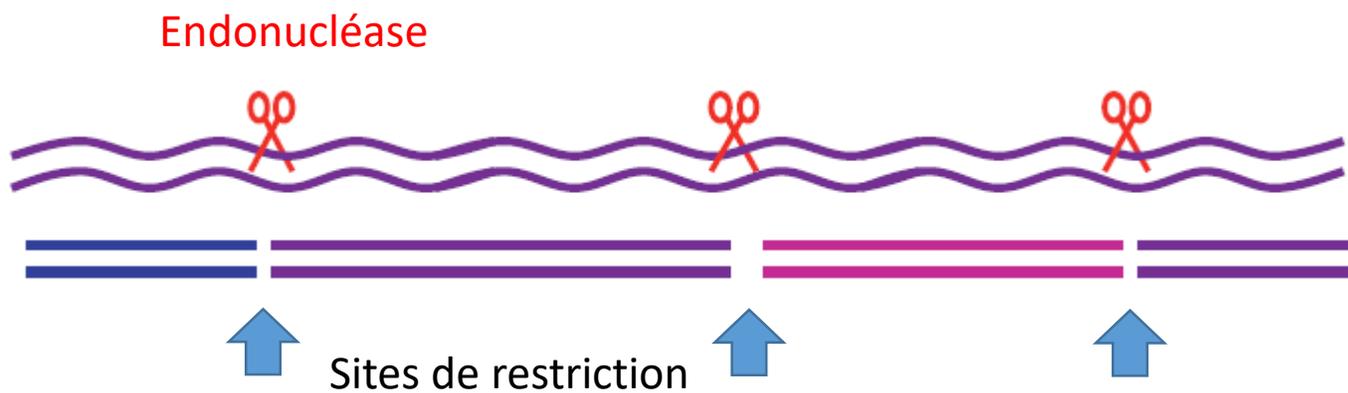
chromID<sup>®</sup> VRE



Brilliance<sup>™</sup> VRE



# Comparaison : Electrophorèse en champ pulsé



Adapté de P. Bidet et E. Bingen  
*mt pédiatrie* 2012

Même profil de migration  $\Rightarrow$  Même clone

# Environnement et EPC

Organism	(N = 32)	Reservoirs	IMP	KPC	VIM	NDM	GIM	MIC/Phenotype only
<i>Klebsiella pneumoniae</i>	7	Drains, faucets, showers, sinks	Kotsanas et al [26], Leung et al [24], Ito et al [14]	Snitkin et al [22], Tofteland et al [32], Odom et al [11]	None	Seara et al [34]	None	None
<i>Klebsiella oxytoca</i>	3	Drains, faucets, showers, sinks	Leung et al [24], Vergara-López et al [33]	Leitner et al [20]	None	None	None	None
<i>Enterobacter</i> spp.	5	Drains, faucets, showers, sinks	Kotsanas et al [26], Betteridge et al [7], Leung et al [33]	Tofteland et al [32]	None	None	None	Dewi et al [10]
<i>Escherichia coli</i>	3	Drains, cold tea dispenser	Kotsanas et al [26], Betteridge et al [7], Ito et al [14]	None	None	None	None	None
<i>Serratia marcescens</i>	3	Drains, faucets, showers, sinks	Kotsanas et al [26], Betteridge et al [7], Leung et al [24]	None	None	None	None	None
Other ( <i>Leclercia</i> spp., <i>Pantoea</i> spp., <i>Citrobacter freundii</i> , <i>Raoutella planticola</i> , <i>Escherichia hermannii</i> , <i>Aeromonas hydrophila</i> , <i>Proteus mirabilis</i> or not specified)	4	Drains, faucets, showers, sinks	Betteridge et al [7], Leung et al [24]	Kaiser et al [13]	None	None	None	Dewi et al [10]

Abbreviations: GIM, German imipenemase; IMP, imipenemase; KPC, *Klebsiella pneumoniae* carbapenemase; MIC, minimum inhibitory concentration; NDM, New Delhi metallo-β-lactamase; VIM, Verona integron-encoded metallo-β-lactamase.

\*Some studies included multiple different species, so categories are not mutually exclusive.