

Antibio-resistance is rising up !

Carbapenemase-producing organisms (CPO) represent a major global health concern due to their resistance to most classes of antimicrobial agents, leaving very few remaining options for the therapeutic management of infected patients. These organisms cause infections that are associated with high mortality rates and they have the potential to spread widely. It is important to recognise carriers quickly and isolate them to prevent spread within the establishment and the community, also to ensure appropriate antibiotic therapy can be implemented at the earliest possible moment.

Are you aware about the consequences ?



CPO confirmation

Isolation of carriers

Surveillance of close contacts

Healthcare unit on stand by

Tackle the three main carbapenemases in Europe !

OXA-48



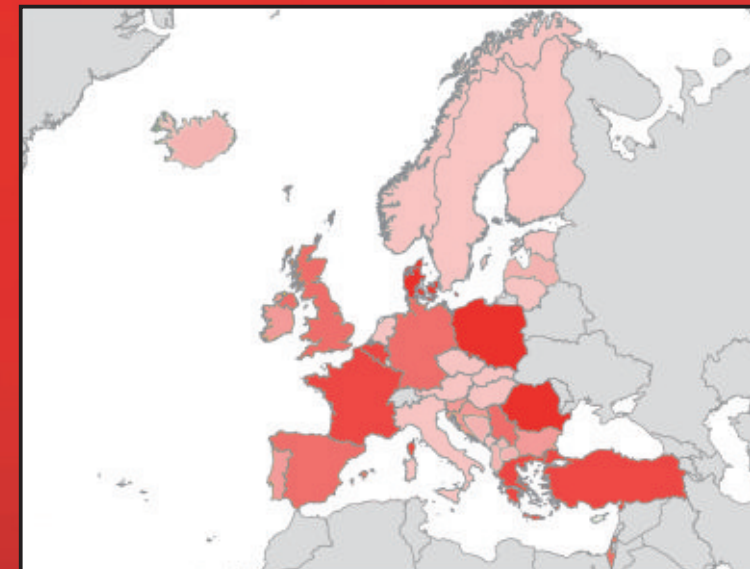
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KPC



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NDM



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A unique solution !

Coris BioConcept offers a unique tool to identify 3 Carbapenemases in only 1 test !



RESIST-3 O.K.N.

- 3 parameters in 1 single test
- No equipment required
- Easy and ready to use
- Shortest Time-To-Result
- High performances

RESIST-3 O.K.N.

OXA-48

KPC

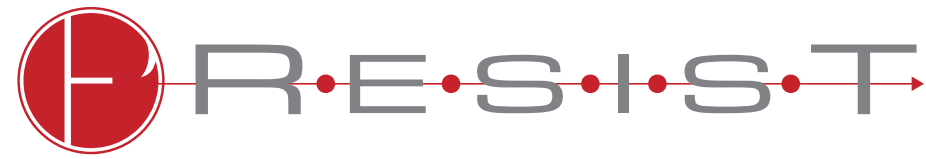
NDM

Technical details

Carbapenems are β -lactam antibiotics mainly used in hospital for the treatment of multidrug resistant bacteria.

Carbapenemases are bacterial enzymes that hydrolyse carbapenem molecules, providing antibiotic-resistance to Carbapenemase-producing Organisms (CPO). Resistances conferred by the 5 main carbapenemases (OXA-48, KPC, NDM, IMP and VIM) continue to increase. Any diagnostic tool allowing to help their laboratory identification can improve patient's safety.

In its commitment to offer adapted diagnostic solutions, Coris BioConcept recently developed a new family of immunochromatography tests under the brand name "RESIST". This innovative range of rapid antigen tests is unique worldwide. Due to their high performances, RESIST tests have already been adopted by laboratories for a fast and reliable identification of antibiotic-resistance bacteria directly from culture colonies and positive blood cultures.



Performances

OXA-48

Molecular method (n=173)		
Specificity	100%	confidence interval (97.2 to 100%)
Sensitivity	100%	(95.7 to 100%)
PPV	100%	(95.7 to 100%)
NPV	100%	(97.2 to 100%)
Reliability	100%	

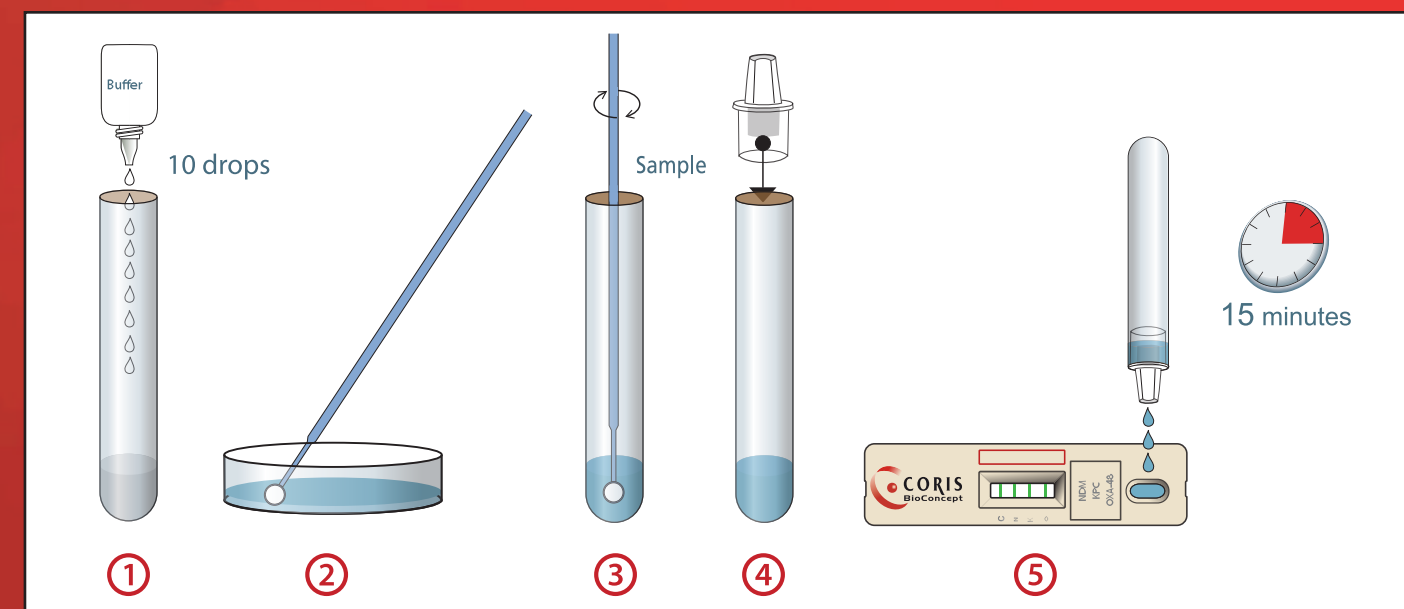
KPC

Molecular method (n=173)		
Specificity	100%	confidence interval (98.2 to 100%)
Sensitivity	100%	(68.4 to 100%)
PPV	100%	(68.4 to 100%)
NPV	100%	(98.2 to 100%)
Reliability	100%	

NDM

Molecular method (n=173)		
Specificity	100%	confidence interval (98.1 to 100%)
Sensitivity	100%	(84.7 to 100%)
PPV	100%	(84.7 to 100%)
NPV	100%	(98.1 to 100%)
Reliability	100%	

Method



Ordering information

Product name	Target	Description	Storage	Code
RESIST-3 O.K.N. K-SeT	OXA-48-like KPC-like NDM-like	• 20 individually sealed pouches • 15 mL dilution buffer in a bottle • 20 collection tubes with droppers • Instruction For Use	4°C to 30°C	K-15R5
Also available:				
OXA-48 K-SeT	OXA-48-like	• 20 individually sealed pouches • 15 mL dilution buffer in a bottle • 20 collection tubes with droppers • Instruction For Use	4°C to 30°C	K-15R1
KPC K-SeT	KPC-like	• 20 individually sealed pouches • 15 mL dilution buffer in a bottle • 20 collection tubes with droppers • Instruction For Use	4°C to 30°C	K-15R2

• **Price:** please refer to your local distributor
 • **Stability:** up to 12 months
 • **Bibliographic and Technical support:** client.care@corisbio.com

Concerned about the threat of antibiotic resistance?



Do you expect a precise identification of your carbapenemase?

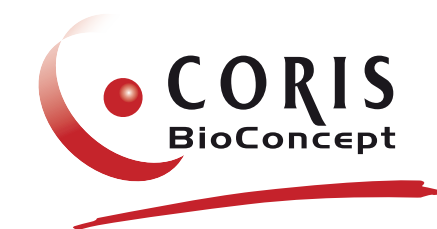
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Innovative solutions for effective diagnostics