



revogene®

Carba C

Improves satisfaction among patients and physicians by providing rapid, accurate, actionable results for the detection of carbapenem resistance

Carbapenem-resistant *Enterobacteriaceae* (CRE) - The Nightmare Bacteria

Patients infected with Carbapenem-resistant *Enterobacteriaceae* (CRE) have a 40% higher mortality rate since CRE strains can be resistant to all available antibiotics.¹

Revogene® Carba C provides healthcare systems an opportunity to minimize the burden of CRE through improved care and efficiency.

- Help guide appropriate treatment for patients with known or suspected carbapenem non-susceptible infections by detecting and differentiating the 5 known gene sequences associated with carbapenem resistance²
- Fast, actionable results enable clinicians to implement the appropriate infection control protocols³
- Revogene® is a flexible, reliable molecular platform that enables healthcare facilities to meet regulatory standards for antibiotic testing⁴

Is your healthcare system prepared?

- Can you detect the carbapenem resistance mechanism of action in patients with CRE?
- How do you manage infection control in patients with CRE?
- How do you manage antibiotic therapy in patients with CRE?

revogene®

Carba C

Stop the Spread

- Alert physicians to the presence of carbapenem non-susceptible gram-negative bacteria by detecting and differentiating the 5 known gene sequences (KPC, NDM, VIM, OXA-48-like, IMP) associated with carbapenem resistance
- The flexibility of the Revogene® Carba C test provides health systems the opportunity to detect emerging CRE genes when they arise

Improve Efficiency

- Improve overall lab efficiency with Revogene's simplified sample prep and 2 minutes hands-on-time
- Respond quickly to the threat of carbapenemase-producing organisms by providing results in 70 minutes

Total Trusted Solution

- Revogene® is a flexible molecular platform that can help standardize testing throughout a health system improving clinical efficiencies
- Near patient testing allows clinicians to make treatment and infection control decisions quickly to provide optimal patient care

Revogene® Carba C Procedure Steps

Sample to Result in 3 Steps

Less than 2 minutes hands on time



MacConkey
agar

or



Blood agar



1 Discharge
Sample



2 Load Sample
into the PIE



3 Place PIE into
instrument and start

Product Specifications

The Revogene® Carba C assay is a simple and direct, qualitative in vitro diagnostic test designed for the detection and differentiation of the blaKPC, blaNDM, blaVIM, blaOXA-48-like, and blaIMP gene sequences associated with carbapenem-non-susceptible pure colonies of *Enterobacteriaceae*, *Acinetobacter baumannii*, or *Pseudomonas aeruginosa*, when grown on blood agar or MacConkey agar.

Turnaround Time

70 minutes for positive and negative samples

Sample Type

Carbapenem-non-susceptible pure colonies of *Enterobacteriaceae*, *Acinetobacter baumannii*, or *Pseudomonas aeruginosa* grown on blood agar or MacConkey agar

Sample Storage

2 - 25 C

Kit Storage

24 individual pouches

Store at 2 - 25 C until expiration date indicated on kit label and on each pouch

Performance*

Target	Sensitivity	Specificity
NDM	98.9%	99.4%
KPC	99.6%	99.2%
OXA-48-like	100%	99.4%
IMP	100%	95.9%
VIM	100%	99.8%

Catalog Number

Revogene® Carba C — 133499

CPT Codes

87150 x 5

* This data is a representation of the blood agar and MacConkey agar combined.

References

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5393012/pdf/12879_2017_Article_2383.pdf
- Revogene® Carba C Package Insert, Ref. #133499
- CDC. Facility Guidance for Control of Carbapenem-resistant Enterobacteriaceae (CRE); November 2015 Update — CRE Toolkit. CDC National Center for Emerging and Zoonotic Infectious Disease, Atlanta, GA
- Clinical and Laboratory Standards Institute. Performance Standards for Antimicrobial Susceptibility Testing; 29th ed. CLSI Document M100-S28. Clinical and Laboratory Standards Institute, Wayne, PA; 2019

Ready to get a handle on Carba C testing? Let's talk.

Contact a specialist at 1-888-763-6769.
meridianbioscience.com/contact-us

meridian BIOSCIENCE™
LIFE DISCOVERED. LIFE DIAGNOSED.