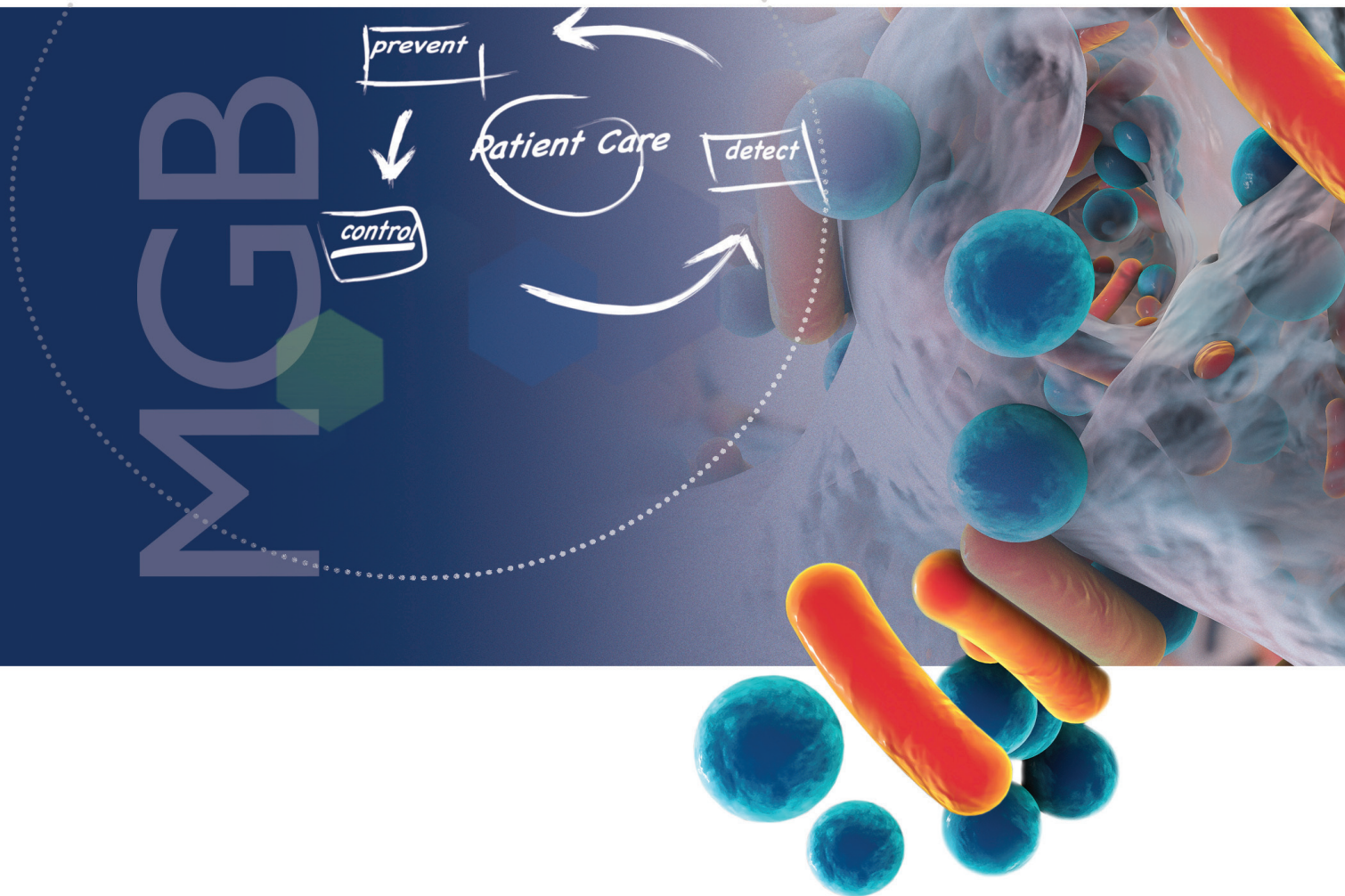




Real-Time PCR Assay for  
Carbapenem-Resistant Enterobacteriaceae genes detection

# CRE **ELITe MGB**® Kit



**EXTENDED** detection of all the main relevant variants of  
KPC, NDM, VIM, IMP, and OXA-48-like genes

**HIGHEST** performance for an earliest detection

**SIMPLIFIED** workflow in combination with  
the **ELITe InGenius™** system

The spread of Carbapenem-Resistant Enterobacteriaceae, steadily increasing worldwide and even reaching the endemic level in many countries, is one of the most challenging health issues. Rapid and reliable Carbapenem-Resistant Enterobacteriaceae detection with molecular methods is crucial to identify infected patients, and avoid an outbreak in hospital and healthcare settings.

**CRE ELITE MGB® is an innovative real-time PCR assay for the detection of carbapenem-resistance genes of Enterobacteriaceae. In combination with ELITE InGenius, a fully automated sample-to-result system, the CRE ELITE MGB® is an advanced molecular solution to detect risk patient and better fight against antibiotics resistance spread.**

## Highest performance

- Detection of more than 150 variants belonging to KPC, NDM, VIM, IMP, and OXA-48-like gene families
- Industry leading-MGB technology embedded
- Highest sensitivity ranging from 99 to 399 CFU/mL depending on the strains
- Excellent clinical performance: 99.3% sensitivity and 100% specificity

## Simplified workflow

- Fully automated, cassette based sample-to-result solution to perform all the steps of Molecular Diagnostics
- Hands-on-time limited to few minutes
- Direct loading of patient sample in transport media without pre-treatment
- Storage of extracted nucleic acid for retesting, archiving or additional molecular testing

## Comprehensive menu for Healthcare Associated Infections

- Best-in class CE-IVD menu: MRSA/SA including *mecA* and *mecC* detection, *C. difficile* including O27 hyper virulent strains, and ESBL\*
- Real open capability to increase the HAI menu breadth with complementary Laboratory Developed Tests or other tests of interest according to the specific lab's requirements

## Ordering information

| Reference | Product                    | Quantity |
|-----------|----------------------------|----------|
| RTS200ING | CRE ELITE MGB® Kit         | 96 tests |
| CTR200ING | CRE ELITE Positive Control | 12 tests |
| CTRCPE    | CPE – Internal Control     | 48 tests |

ELITechGroup Molecular Diagnostics, a major innovator in the molecular diagnostics market, offers comprehensive real-time PCR products and solutions for diagnosis and monitoring of viral and microbiological infections.

\*Test in development

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Product not available in the US – Please contact your sales representatives for product availability in your country



ELITechGroup SpA applies a Quality Management System in compliance with ISO 13485:2008 and ISO 13485:2012 certified by DEKRA Certification B.V.

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