

Igenesis Carba-R Kit

Make molecular diagnostic
safer, faster, and easier



● Background

Carbapenem-resistant Enterobacteriaceae (CRE) is rising rapidly worldwide, posing significant challenges for clinical diagnosis and treatment due to its diverse genotypes. CRE is the main pathogenic bacteria in nosocomial infections and is usually extensively drug-resistant, resulting in increased mortality in hospitalized patients and is associated with higher total hospital costs.

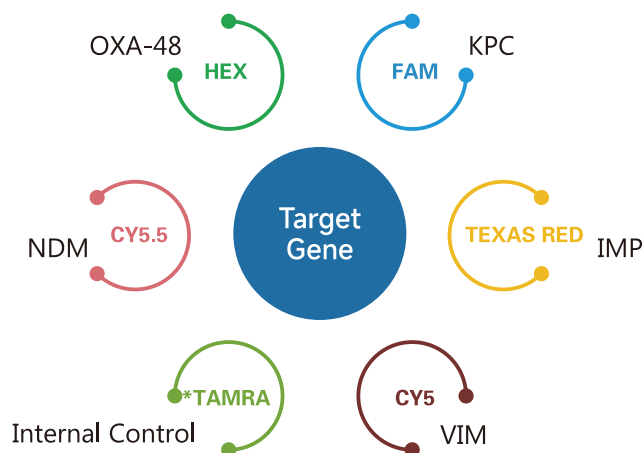
The Igenesis Carba-R kit offers rapid and precise detection of the five predominant carbapenemase genes: KPC, NDM, VIM, IMP, and OXA-48. This precise identification is crucial for guiding clinical anti-infective treatments and preventing hospital-acquired infections, making it of immense value.

● Parameters

Applicable instruments	Automated Fully Enclosed qPCR Instrument: Galaxy Nano, Galaxy Lite and Galaxy Pro
Sample Type	Sputum
Turnaround Time	With in 2 hours for extraction, amplification, and result analysis
Test Method	Magnetic beads extraction, purification, and qPCR method
Storage Condition	2~8°C

● Advantages

- ◆ Fully enclosed iCassette
- ◆ Fully automatic, Minimal hands-on time
- ◆ No need for freezer storage or transportation
- ◆ Comprehensive multiplex panels
- ◆ Internal control monitor the entire proces



● Workflow

Easy & Fast & Safe



1 Add sample to the iCassette



2 Insert iCassette to instrument



3 Report result automatically

Ordering Information

Product	Cat.No.	Specification
Carbapenem Resistance Diagnostic Kit (PCR-Fluorescence)	106-0102-01	12 tests/kit



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