

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.

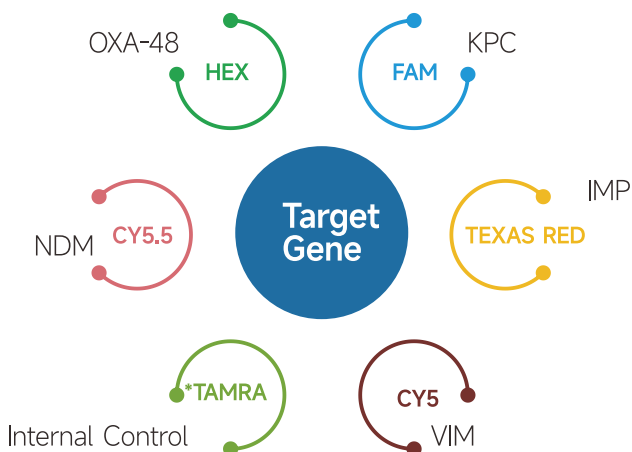
The Igenesis Carba-R kit offers rapid and precise detection of the five predominant carbapenemase genes: KPC, NDM, VIM, IMP, and OXA-48. This precise identification is crucial for guiding clinical anti-infective treatments and preventing hospital-acquired infections, making it of immense value.

Parameters

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

Advantages

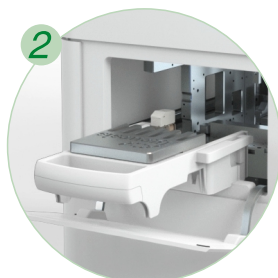
- ◆ Fully enclosed iCassette
- ◆ Fully automatic, Minimal hands-on time
- ◆ No need for deep freeze storage or transportation
- ◆ Comprehensive multiplex panels
- ◆ Internal control monitoring the entire process



Workflow



Add sample to the iCassette



Insert iCassette to instrument



Report result automatically

Ordering

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



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