

VRE kit

Make molecular diagnostic safer, faster and easier



Background

Vancomycin-resistant *Enterococcus* spp. (VRE) is a resident bacterium in the upper respiratory tract, oral cavity, or intestinal tract of humans and animals. When it colonizes other mucosal sites, it may cause clinical infections such as endocarditis, with a mortality of up to 21.0%–27.5%. It is a major nosocomial opportunistic pathogen worldwide. Among the VRE strains, *Enterococcus faecalis* and *Enterococcus faecium* are pathogenic to humans, with the most common drug-resistance genotypes of van A and van B.

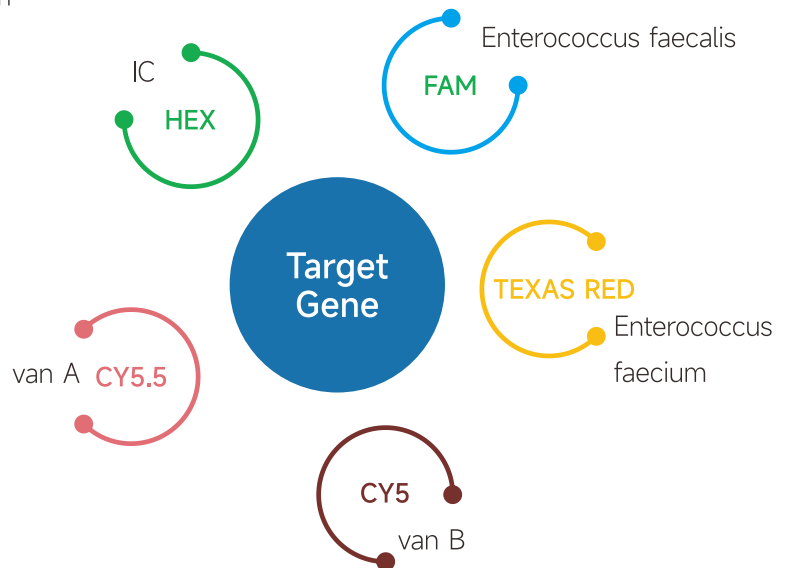
The Igenesis VRE kit offers rapid and precise detection of *Enterococcus faecalis*, *Enterococcus faecium* and vancomycin-resistant *Enterococcus*-specific genes van A and van B in human urine samples. This precise identification is crucial for guiding clinical anti-infective treatments and preventing hospital-acquired infections, making it of immense value.

Parameters

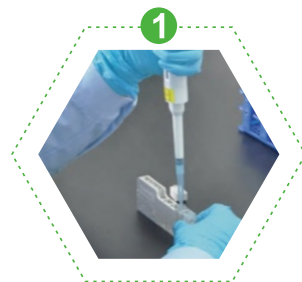
Applicable instruments	Automated Fully Enclosed qPCR Instrument: Galaxy Nano, Galaxy Lite and Galaxy Pro
Sample Type	Urine
Turnaround Time	Within 2 hours for extraction, amplification, and result analysis
Test Method	Magnetic beads extraction, purification, and qPCR method
Storage Condition	2~8°C

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

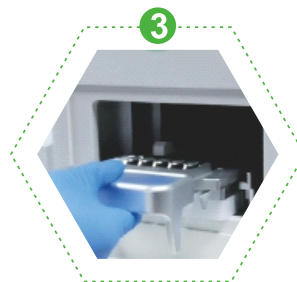


1
Add sample to
the iCassette

Sample pretreatment
by Ultrasoner



2



3
Insert iCassette
to instrument

Report result
automatically



4

Ordering

Product	Cat.No.	Specification
Vancomycin-Resistant Enterococcus Gene (vanA, vanB) Detection Kit (PCR Fluorescence)	106-0142-01	12 tests/kit



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