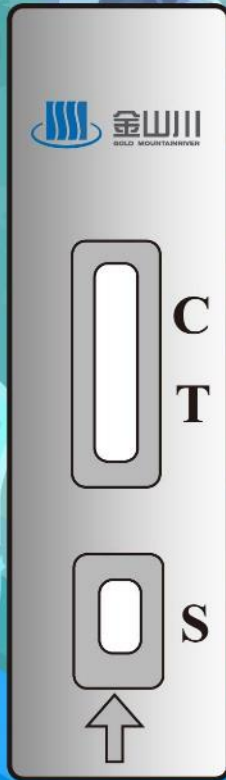




金山川  
GOLD MOUNTAIN RIVER



Obtain result  
within  
15 min

*GOLDSTREAM<sup>®</sup>*

## **Carbapenem-resistant Gene Detection K-Set (Lateral Flow Assay)**

### **Multiple genotypes**

**KPC/NDM/VIM/IMP/OXA-23/OXA-48**

- Rapid
- Simple
- Flexible
- Intuitive result
- Economic

# – Carbapenem-resistant Gene Detection K-Set (Lateral Flow Assay) –

## Overview

Carbapenem antibiotics are one of the most effective drugs to control clinical pathogenic infections. Carbapenem-resistant Enterobacter (CRE) has become a global public problem due to its broad-spectrum drug resistance, resulting in very limited treatment options for patients. In addition, the irrational use of antibiotics has continuously improved the resistance of bacteria, which has brought great troubles to clinicians in choosing antibiotics.

Carbapenem-resistant Gene Detection K-Set (Lateral Flow Assay), a rapid diagnostic product, uses sandwich immunochromatography technology to detect carbapenem-resistant genes and accurately identify genotypes, including NDM, KPC, IMP-4, VIM, OXA-23 and OXA-48. It is of great significance for the early identification of drug-resistant strains, guiding drug treatment and improving the level of human medicine and health.

## Product Types

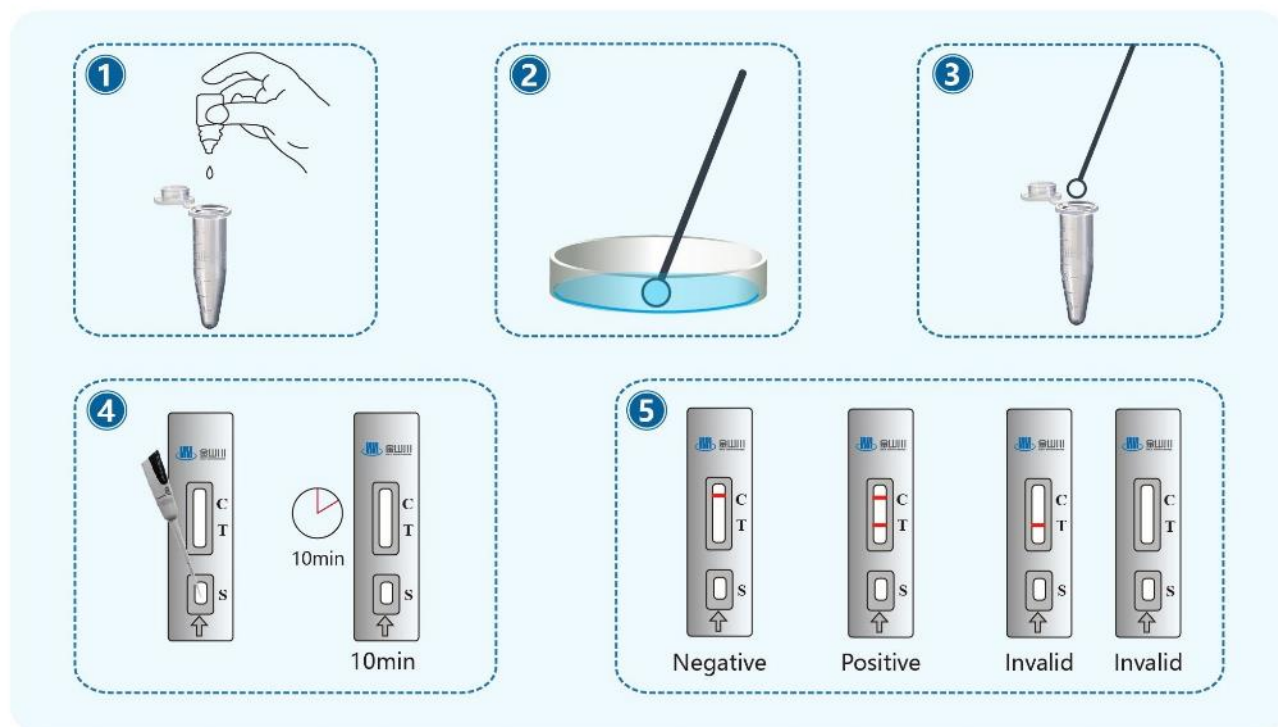


## Product Characteristics

<b>Basic parameters</b>	Carbapenem-resistant Gene Detection K-Set (Lateral Flow Assay)
<b>Method</b>	Lateral Flow Assay
<b>Sample type</b>	Bacterial colony
<b>Specification</b>	25 tests/kit
<b>Detection time</b>	10-15 min
<b>Detection objects</b>	Carbapenemase
<b>Detection type</b>	<i>KPC, NDM, VIM, IMP, OXA-23, OXA-48</i>
<b>Stability</b>	The K-Set is stable for 2 years at 2°C-30°C

# – Carbapenem-resistant Gene Detection K-Set (Lateral Flow Assay) –

## Operation Method



- 1. Add 5 drops of sample treatment solution
- 2. Dip bacterial colonies with a disposable inoculation loop
- 3. Insert the loop into the tube
- 4. Add 50 µL to the S well, wait for 10-15 minutes
- 5. Read the result

## Features

### Rapid

Obtain result within 15 min, 3 days earlier than traditional detection methods

### Simple

Easy to use, ordinary laboratory staff can operate without training

### Flexible

Different types detect different carbapenemase genes and can be flexibly matched according to local epidemiology.

### Intuitive result

There is no need for calculation, visual reading result

### Economic

Product can be transported and stored at room temperature, reducing costs



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