

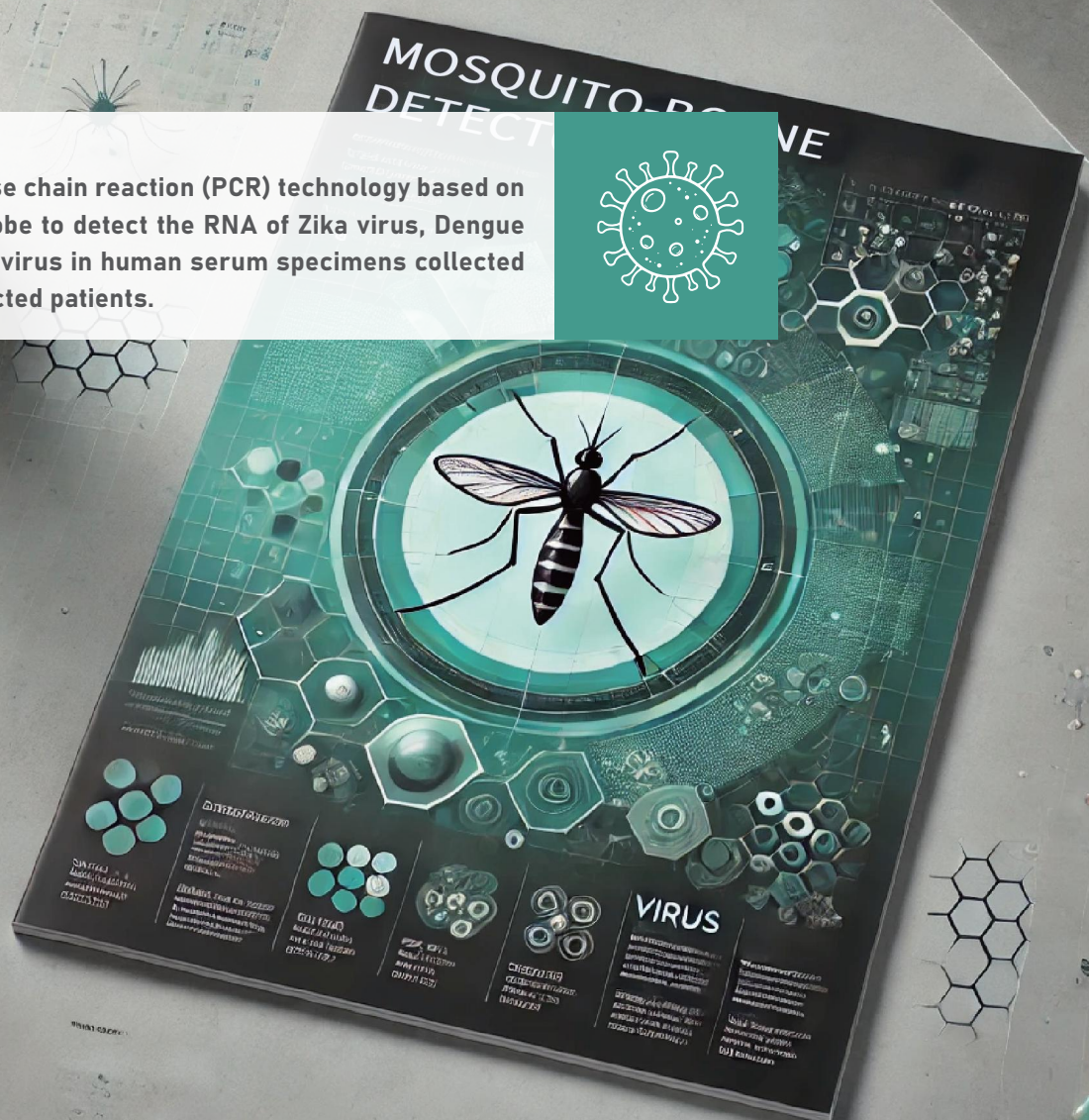
Tropical Mosquito-borne Diseases Nucleic Acid Test Kit

Fluorescent Probe-Based Real-Time PCR Assay

Tropical mosquito-borne diseases like Dengue, Zika, Chikungunya, and Yellow Fever are prevalent in tropical and subtropical regions, including Southeast Asia, Central and South America, the Caribbean, Africa, and the Pacific Islands. These areas share warm, humid climates that favor the breeding of *Aedes* mosquitoes, the primary vectors of these diseases. Urbanization, poor water management, and global travel further contribute to their spread. Many regions, such as Brazil, India, and Thailand, face overlapping risks of multiple diseases, underscoring the need for comprehensive diagnostic solutions.

Testing Principle

This kit uses polymerase chain reaction (PCR) technology based on TaqMan fluorescent probe to detect the RNA of Zika virus, Dengue virus and Chikungunya virus in human serum specimens collected from patients or suspected patients.



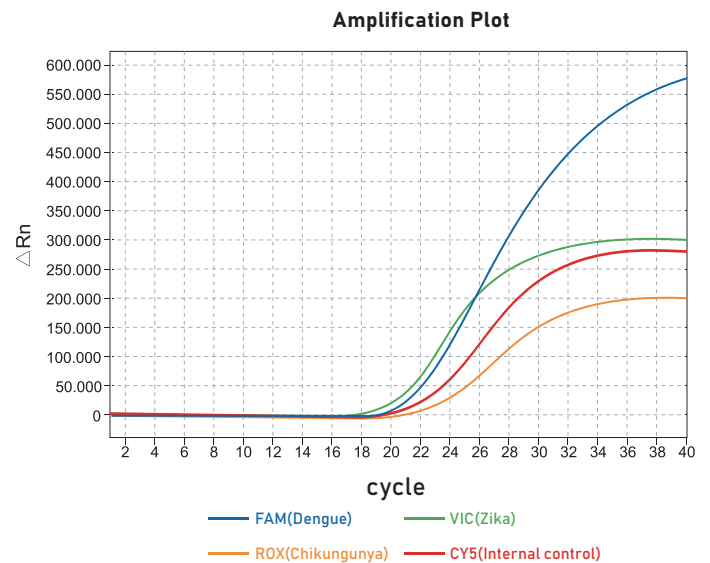
Product Features

- Simultaneously identifies Zika, Dengue, and Chikungunya viruses in a single test.
- Detects viral with an LOD of 1000 copies/mL, reducing false negatives and ensuring accuracy.
- Provides results in less than 90 minutes, enabling timely decision-making and patient management.

Recommended Thermal Cyclers

- Applied Biosystems™7500 Real-Time PCR System
- Stratagene MX 3000P Real-Time PCR System
- BioRad CFX96 Real-Time PCR System
- Other Real-Time Thermal Cyclers which could detect FAM, VIC/HEX, ROX and CY5 simultaneously

Sample Results



Ordering Information

Cat.No	Product Name	Format	Kit Size	Certification
M09202T2048	Dengue Virus Nucleic Acid Test Kit	Lyophilized	48 tests/Kit	CE
M09601T2048	Dengue Virus Genotyping Nucleic Acid Test Kit	Lyophilized	48 tests/Kit	CE
M101T010B0C0	Zika Virus Nucleic Acid Test Kit	Liquid	10 tests/Kit	RUO
M241T010B0C0	Chikungunya Virus Nucleic Acid Detection Kit	Liquid	10 tests/Kit	RUO
M251T010B0C0	Yellow Fever Nucleic Acid Detection Kit	Liquid	10 tests/Kit	RUO
M10201T2048	Zika, Dengue, Chikungunya Virus Nucleic Acid Test Kit	Lyophilized	48 tests/Kit	CE
M141T025B0C0	Rift Valley Fever Virus Nucleic Acid Detection Kit	Liquid	25 tests/Kit	RUO

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