

ZiKa Virus Nucleic Acid Detection Kit

(Fluorescence PCR Method)

Zika Virus (ZIKV) is a mosquito-borne virus. Mosquitoes are the primary vector of Zika Virus, but the virus can also transmit through sexual intercourse, mother-to-child transmission, and blood transfusions. Symptoms of Zika Virus infection is similar to dengue and chikungunya, which includes fever, headache, arthralgia, retro-orbital pain, conjunctivitis, and rash.

The Tianlong ZiKa Virus Nucleic Acid Detection Kit is for the qualitative detection of ZiKa Virus nucleic acid by Real-time reverse transcription Polymerase Chain Reaction (Real-time RT-PCR) method. The kit can concurrently detect two subtypes of Zika Virus (Asian and African), providing a rapid, simple and effective means of detection for prevention and control of Zika Virus outbreaks.



FEATURES



Reliable Detection

Qualitative detection of two subtypes of Zika Virus (Asian and African) nucleic acid in serum sample



High Precision

The precision values of intra and inter Ct values were all <5%



Internal Control

The use of internal control system in the kit can effectively prevent false negative results



User-friendly

Widely applicable in instruments with FAM, VIC (HEX) fluorescence channels



More Accessible

CE marked, accessible for more countries

DATA INTERPRETATION

Figure 1: ZiKa Virus amplification curve

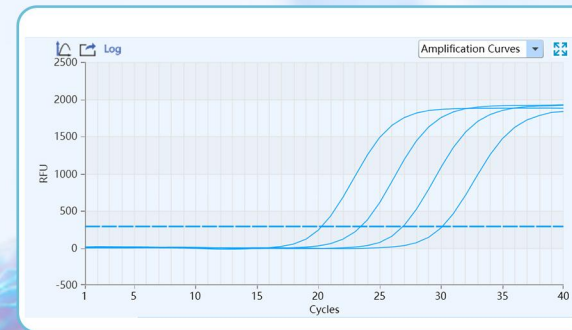
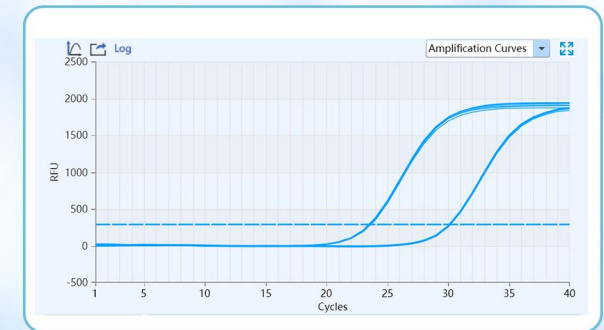


Figure 2: High concentration and low concentration ZiKa Virus repetitive amplification curve



ZiKa Virus positive standard: If the Ct value is ≤37, the result can be considered ZiKa Virus Positive.

ORDERING INFORMATION

Product Name	ZiKa Virus Nucleic Acid Detection Kit (Fluorescence PCR Method)
Cat.No	P074H
Specification	25T/Kit
Specimen	Serum
Sensitivity	500 copies/mL
Precision	<5%
Storage & Validity	-25°C~-15°C for 12 months
Applicable Equipment	Instruments with FAM, HEX/VIC fluorescence channels such as Applied Biosystems™ 7500 Real-Time PCR Systems, Tianlong Gentier Real-time PCR Systems

ASSAY WORKFLOW

