

WizDx™

ZIKV

## CrystalMix PCR Kit

- High Sensitivity & Specificity
- Room temperature Storage/Shipping
- Ready-to-use Lyophilized PCR Kit



## Key Features of CrystalMix ZIKV PCR Kit



## Anti-Carryover Technology

Prevents cross-contamination



## Hot-Start PCR Technology

Minimizes non-specific PCR reactions and increases specificity



## Enhanced-stability technology

Sustains long-term storage at room temperature



## Automated dispensing system

Maximizes reproducibility and minimizes experimental errors



## Ready-to-use, Freeze-dried form

Allows convenient storage and minimal experimental process

## High Sensitive

Limit of detection (LoD) is 5 copies/μL

## High Specificity

Accurate inspection is possible through the specific probe design for the polyprotein gene region of Zika virus.

## Convenience &amp; Stable

Wizbiosolution's patented HNC(Heteromorphic Nanopolymer Coating) technology applied for WizDx™ ZIKV CrystalMix PCR Kit enables the reagents stored and transported at room temperature with the benefits of user-convenience and stabilization.

## Easy &amp; Accurate

Lyophilized PCR kits are very convenient to use because you can test immediately with the addition of sample RNA only, and provide more accurate results because you can drastically reduce experimental errors or contamination that may occur during the preparation process.

## Perfect Reproducibility

WizDx™ CrystalMix ZIKV kits are precisely dispensed by fully automated dispensers in facilities certified with ISO13485 and GMP. They are supplied in lyophilized form with single test quantity, so all kits deliver exactly the same results.



## Easy & Fast Molecular Diagnosis



## Specifications

<b>Principle of Procedure</b>	Real-time RT-PCR
<b>Target</b>	FAM for ZIKV, Cy5 for Internal Control
<b>Tests for Package</b>	96 Tests/kit
<b>Reagent Type</b>	Lyophilized (Freeze-dried) in PCR tube
<b>Limit of Detection (LoD)</b>	5 copies/μL
<b>Precision</b>	Respectively detect the reference specimen of high and low concentrations in different time ranges-10 times, and the precision values of intra-assay and inter-assay Ct values were all <5%.
<b>Specificity</b>	No cross-reactivity was observed with Japanese Encephalitis Virus, Measles Virus, Dengue Virus, Chikungunya Virus, Human Coronavirus, Human Adenovirus, Human Rhinovirus, Human Metapneumovirus, SARS-CoV-2, and Influenza virus.
<b>Sample Types</b>	Serum and plasma (EDTA)
<b>Shipping/Storage</b>	Shipping and Storage at room temperature for 12 months
<b>Compatible Instruments</b>	CLEO™ Q16 (Wizbiosolutions), CFX96(Bio-Rad), QuantStudio™ 5 (ThermoFisher)

## Ordering Information

Cat No.	Product	Package Size
DX1137	WizDx™ ZIKV CrystalMix PCR Kit	96 T
CL0016	CLEO™ Q16 Real-time PCR system	1 set

MFDS License No. IVD-22-6

