



# Detection Kit for Zika Virus RNA

(PCR-Fluorescence Probing)

CE

The product is intended for qualitative detection of the specific fragment of NS1 gene of Asian and African lineage Zika viruses in **serum, plasma, saliva, or urine** specimens from individuals with an epidemiological history and symptoms including fever, rash, arthralgia, or conjunctivitis that are difficult to explain by other reasons.

Based on one-step **real-time fluorescent PCR** technology, the highly conservative region of Zika virus gene coding region is selected as the target region, this kit also includes internal standard to monitor the process of nucleic acid extraction and PCR amplification in order to reduce the occurrence of false negative results.



## Transmission



Through mosquito bite



Mother to fetus



Blood/Organ Transplant



Sexual Activity

## Zika virus disease

Zika virus disease is caused by Zika virus (ZV), a member of the virus family Flaviviridae, transmitted mainly by *Aedes aegypti*. The clinical features are mainly fever, rash, arthralgia or conjunctivitis, rarely causing death. The clinical manifestations are very similar to dengue fever and chikungunya fever, and both are transmitted by mosquito bites and similar in endemic areas. According to the World Health Organization (WHO), neonatal microcephaly and Green-Barre syndrome (Gillan-Barre syndrome) may be related to Zika virus infection.



Reference:  
[https://www.who.int/news-room/fact-sheets/detail/zika-virus?gclid=CjwKCAIA\\_OetBhAtEiWAPtEQ\\_ZZWAPGfeZwNS3AKAT2wY0WgAITT57LIZaa\\_VmODsQq1p-Q5FsHGTpBoCUBsQAvD\\_BwE](https://www.who.int/news-room/fact-sheets/detail/zika-virus?gclid=CjwKCAIA_OetBhAtEiWAPtEQ_ZZWAPGfeZwNS3AKAT2wY0WgAITT57LIZaa_VmODsQq1p-Q5FsHGTpBoCUBsQAvD_BwE)  
<https://www.cdc.gov/pregnancy/zika/testing-follow-up/evaluation-testing.html>

## Diagnosis & Testing

Zika virus NAAT should be performed on serum and urine collected <14 days after onset of symptoms in patients with suspected Zika virus disease. A positive Zika virus NAAT confirms Zika virus infection.

## Parameters

<b>Product name</b>	Detection Kit for Zika Virus RNA (PCR-Fluorescence Probing)
<b>Principle</b>	Real-time fluorescent PCR technology
<b>Specimen</b>	Serum, plasma, saliva or urine
<b>LOD</b>	50 copies/mL
<b>Precision</b>	CV <5%
<b>Storage</b>	-20±5°C
<b>Shelf life</b>	9 months
<b>Applicable Instruments</b>	ABI 7300, ABI 7500, LightCycler480, DA7600
<b>Certificate</b>	CE-IVD

## Order information

Product name	Cat. No.	Specification
Diagnostic Kit for Zika Virus RNA (PCR-Fluorescence Probing)	DA0710	Large package, 24 tests/kit
	DA0711	Large package, 48 tests/kit

## Daan Gene Co., Ltd.

### CHINA (Headquarters)

📍 **Add:** No.19, Xiangshan Road, Science Park, High & New Technology Development District, Guangzhou, Guangdong, P.R. China  
☎ **Tel.:** +86-20-32290789-5225  
📠 **Fax:** +86-20-32068352  
✉ **Email:** marketing@daangene.com

### CANADA office

📍 **Add.:** #413-4538 Kingsway, Burnaby, BC V5H 4T9, Canada  
☎ **Tel.:** +16044517588  
📠 **Fax:** +604451.7587  
✉ **Email:** gbai@daangene.net

### COLOMBIA office

📍 **Add.:** Cl 93 No.16 46 Of 702, Bogotá D.C.  
☎ **Tel.:** +57 3103940417  
✉ **Email:** alonso.zheng@daangene.net

🌐 **Website:** <https://en.daangene.com/>

