

# TROPICAL DISEASE DIAGNOSIS

ZIKA DENGUE CHIK

# CTK

# INSIGHTS



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## Tropical Disease Watch at CTK:

Tropical diseases are a class of infectious diseases named after the hot, humid climates in which they tend to be most prevalent. The majority of tropical diseases are spread by mosquitoes and are most common during the rainy season, however due to rising global temperatures transmissions are now occurring year-round.

## ▲ Call to Action

Here at CTK, we recognize the critical role that simple and effective screening tools play in disease prevention and treatment. In response to the growing threat that tropical and mosquito-borne diseases pose, we have been working hard to develop an expanded range of diagnostic options to bring you one step closer to the right diagnosis.

## Aridia® Real-Time PCR Tests

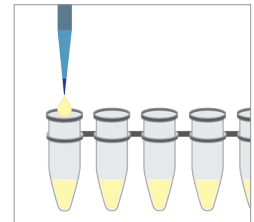


Earlier this month, CTK announced the launch of its *Aridia* Tropical Real-Time PCR line which targets three tropical diseases (dengue, CHIK, and Zika, and a multiplex of all 3!).

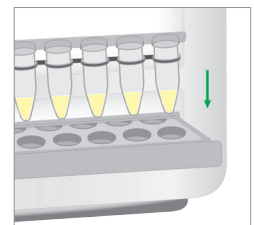
The *Aridia* brand derives from the word "arid" (meaning "dry") because our real-time PCR kits are uniquely designed with a lyophilized format! This affords our customers more convenient shipping and storage options.

*Aridia* real-time PCR benefits include:

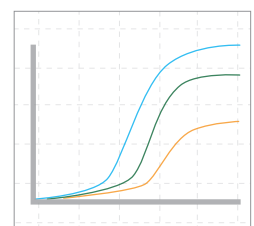
- **Room temperature** shipping
- **Room temperature** storage with longer shelf life (**24 mos.**)
- Ready for **immediate use-NO** need to thaw & **NO** preparation of reaction mix
- **Simplified** procedure with **fewer** steps
- Open system compatible with most thermocyclers
- Earliest confirmatory testing method



1. add reagent & specimen



2. run PCR protocol



3. result interpretation

## RecombiLISA Zika IgM ELISA Test



With the list of potential complications from Zika virus infection growing and more countries identifying Zika infections, there is an increased global need for high quality Zika diagnostics.

CTK is proud to present the NEW *RecombiLISA* Zika IgM ELISA Test—a sensitive screening tool with an extended detection window.

- **High sensitivity** & throughput from 3 days after infection, up to **3 months**
- Affordable test method appropriate for use in most lab settings
- Indirect IgM immunoassay with proprietary Zika NS1 protein
- **Currently under review for WHO Emergency Use Assessment**
- Compatible with most ELISA readers & washers, including **ALTA ELISA instruments by CTK!**

## One-stop shop

From POCT (rapid tests) to confirmatory tests (ELISA and PCR) and more, CTK is your one-stop shop for tropical disease IVDs!

	PCR	ELISA	Rapid Test
ZIKA	✓ Zika Virus	✓ Zika IgM ⌚ Zika IgG	⌚ Zika IgG/IgM
Dengue	✓ Dengue Virus	✓ Dengue IgG/IgM/Ag	✓ Dengue IgG/IgM/Ag
Chikungunya	✓ CHIK Virus	✓ CHIK IgM	✓ CHIK IgM
Others	✓ Zika/Dengue/CHIK Multiplex ⌚ Dengue serotyping PCR	✓ Chagas IgG ✓ Leptospira IgM	✓ Duo Dengue-CHIK ✓ Malaria Ag/Ab ✓ Chagas Ab ✓ Leishmania Ag/Ab ✓ Leptospira IgG/IgM ✓ Filariasis IgG/IgM

✓ Available now    ⌚ Coming soon

## Ask the Expert

### What is "EUA"?

EUA stands for Emergency Use Authorization and is a tool used by organizations like the FDA and WHO to demonstrate confidence in the use of certain medical products in the case of emergencies based on scientific data.

The *RecombiLISA* Zika IgM ELISA Test is currently under review for WHO Emergency Use Assessment.

Got a question? Ask the Expert! Contact us at [CTKBiotech.com](http://CTKBiotech.com), or visit our [Facebook page](#).



For additional information, please contact [info@ctkbiotech.com](mailto:info@ctkbiotech.com) visit <http://ctkbiotech.com> scan here

### MEET US

- AACC 2017, USA, Jul 2017
- SBPC Congress 2017, Brazil, Sep 2017
- MEDICA, Germany, Nov 2017

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