# FlashDetect™
# Multiplex Vector-borne Diseases Assay

Compatible with FlashDetect™ Flash10 and Nano



Rapid and Accurate Multiplex Testing of Vector-borne Pathogens for Personalized Care and Outbreak Control.

CE IVD

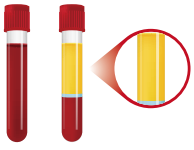
## DENV I/II  DENV III/IV  CHIKV  CHIKV/DENV/ZIKV

### All-in-One Cartridge

*Fully automated sample processing, amplification, and detection*

- Sample to result in <35 mins
- LoD 500 copies/mL
- Includes endogenous internal control
- Pre-loaded lyophilized reagents
- Contamination free
- Room temperature storage and transportation

- Compatibility with whole blood, serum, and plasma samples enhance accessibility and convenience, making it universally deployable.
- Multiple sample types options ensures better detection and accurately serotyping the virus, especially in low viral load samples.



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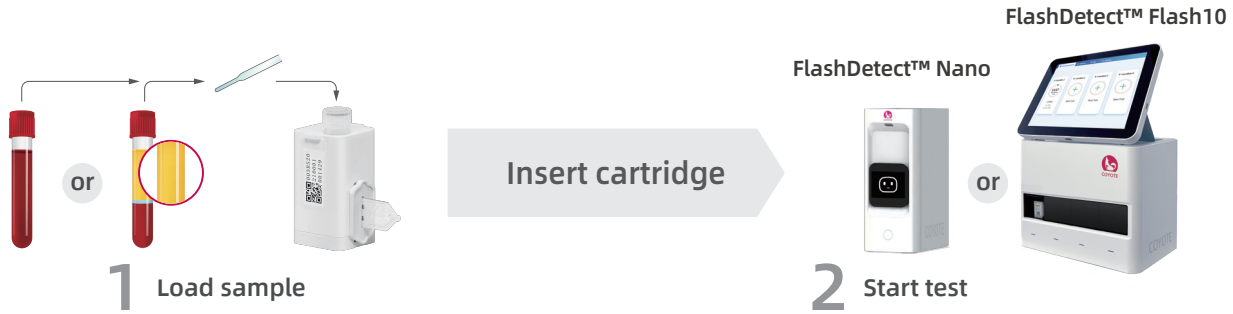
# TECHNICAL SPECIFICATIONS

CE IVD

| | |
|---|---|
| **Method** | Real-Time PCR |
| **Compatible Instrument** | FlashDetect™ Nano, Flash10 System |
| **Storage Temperature** | 2-28℃ |
| **Pack Size** | 24 tests/kit |

| Product | LoD | Detection Time | Analytes & Fluorescence Channel | Sample Type | Cat. No. |
|---|---|---|---|---|---|
| **FlashDetect™ LyocartE Chikungunya Virus Assay** | 500 copies/mL | Within 35 mins | **FAM:** conserved sequences in E1 of CHIKV<br>**Cy5:** Internal Control | Serum, EDTA plasma<br>Urine | 6018017717-CE<br>6018017719-CE |
| **FlashDetect™ LyocartE Dengue virus type I/II Assay** | 500 copies/mL | Within 35 mins | **FAM:** *POLY* gene (DENV-1)<br>**ROX:** *POLY* gene (DENV-2)<br>**Cy5:** Internal Control | Serum, plasma | 6018033202-CE |
| **FlashDetect™ LyocartE Dengue virus type III/IV Assay** | 500 copies/mL | 30 mins | **FAM:** *POLY* gene (DENV-3)<br>**ROX:** *POLY* gene (DENV-4)<br>**Cy5:** Internal Control | Serum, plasma | 6018033402-CE |
| **FlashDetect™ LyocartE CHIKV/DENV/ZIKV Assay** | Coming soon | | | | |

# WORKFLOW




# ORDERING INFORMATION

## Compatible Instrument

| Model | Throughput | Dimensions (L x W x H) |
|---|---|---|
| FlashDetect™ Nano | 1 | 12.5 x 22 x 29.5 cm |
| FlashDetect™ Flash10 | 4 | 38 x 28.7 x 35 cm |

## External Quality Control

| Product | Pack Size | Cat. No. |
|---|---|---|
| FlashDetect™ Chikungunya Virus External Quality Controls | Positive Control: 1.5 mL/vial×1 vial<br>Negative Control: 1.5 mL/vial×1 vial | 6018008401-CE |
| FlashDetect™ Dengue virus type I/II External Quality Control | | 6018033301-CE |
| FlashDetect™ Dengue virus type III/IV External Quality Control | | 6018033501-CE |

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