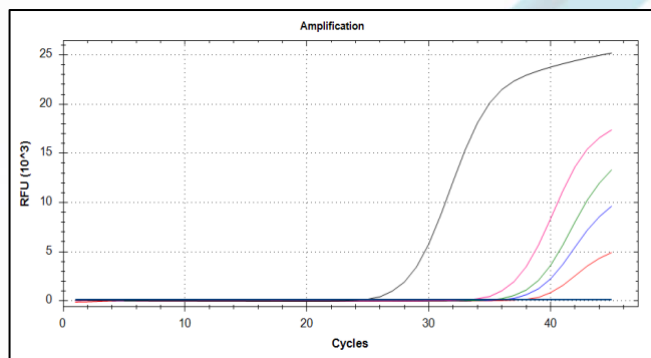




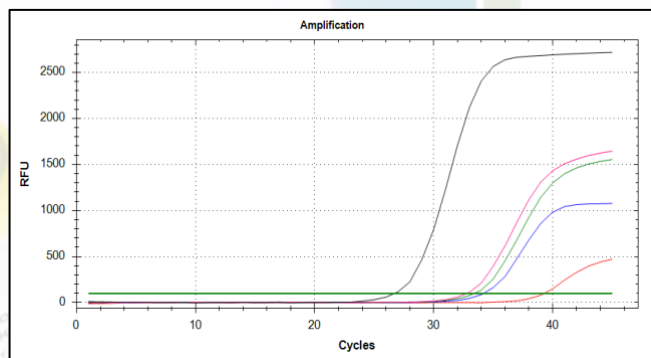
LyteStar™ Arbovirus ZCD Kit

Multiplex detection of Dengue,
Chikungunya and Zika

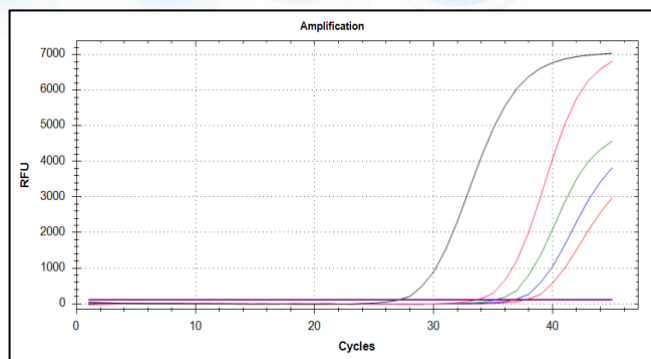
The LyteStar™ Arbovirus ZCD Kit is a multiplex kit for the simultaneous and specific detection and differentiation of Dengue (3'UTR region), Chikungunya (*NSP2* gene), and Zika (*E* gene) virus in human serum samples.



Dengue virus (DENV) – PC, 20, 10, 6.3, 1 copies/μl



Chikungunya virus (CHIKV) – PC, 20, 10, 6.3, 1 copies/μl



Zika virus (ZIKV) – PC, 20, 10, 6.3, 1 copies/μl



Specifications and Features

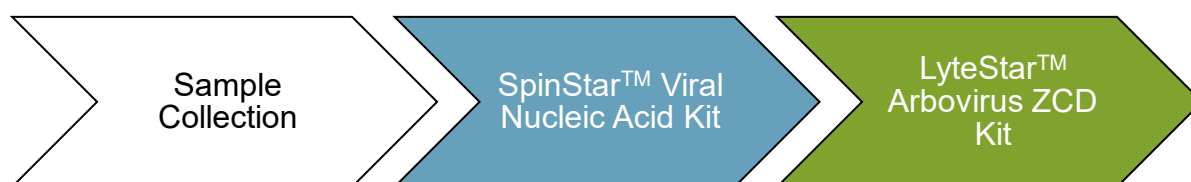
- **Multiplex kit** for Detection and Differentiation:
 - Dengue specific; 3'UTR region
 - Chikungunya specific; *NSP2*-gene
 - Zika specific; *E*-gene
 - Internal Control (IC); heterologous RNA
- **Highest Analytical Sensitivity**
 - 3.04 cp/μl for Dengue 3'UTR-region
 - 0.78 cp/μl for Chikungunya *NSP2*-gene
 - 3.57 cp/μl for Zika *E*-gene
- **100% Analytical Specificity**; no cross reactivity with other mosquito-borne viruses and other pathogens
- **Overall Diagnostic Sensitivity**
 - 98.3% for Dengue
 - 100% for Chikungunya
- **100% Diagnostic Specificity**
- Optimised for use on real-time PCR systems: CFX Opus 96 / CFX96 (BioRad), Mic (BMS) and abCyclerQ (AITbiotech)
- **MDA Reg. No. IVDC7739224-173233**



Recommended Sample Preparation

SpinStar™ Viral Nucleic Acid Kit

The SpinStar™ Viral Nucleic Acid Kit is designed for the simultaneous purification of viral DNA and RNA from fresh or frozen human serum and plasma, respiratory specimens and stool. The extracted DNA and/or RNA is ready to use for any downstream application where highly purified nucleic acids are required.



Order Information

Product	Content	Σ	Cat. No.
LyteStar™ Arbovirus ZCD RT-PCR Kit 1.0	Master A, Master B, Positive Control (PC), Internal Control (IC), PCR-grade Water	96	881103
SpinStar™ Viral Nucleic Acid Extraction Kit	SpinStar™ Columns, Collection Tubes, Lysis Buffer, Wash Buffer 1, Wash Buffer 2, Carrier RNA, Proteinase K, Elution Buffer	100	811803

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