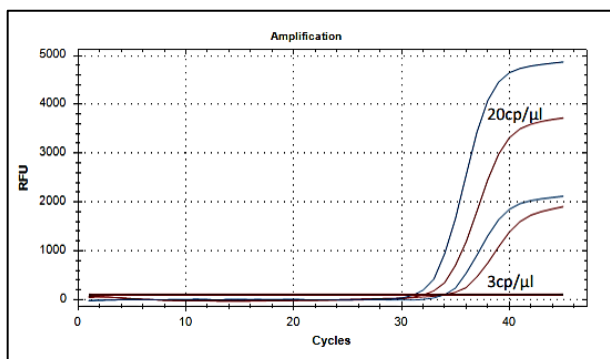




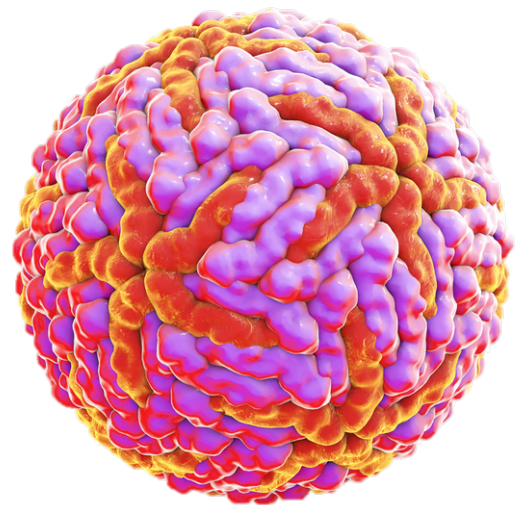
# LyteStar™ Dengue Typing Kit

Multiplex detection of Dengue 1,  
Dengue 2, Dengue 3, and Dengue 4

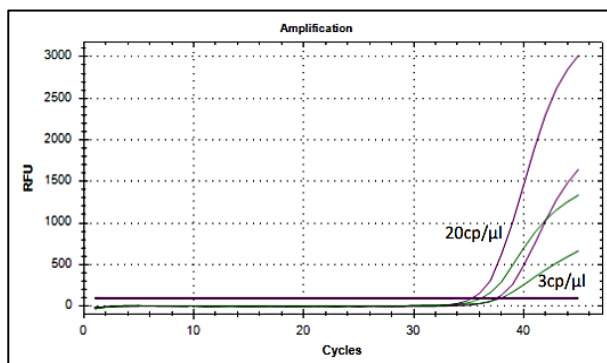
The LyteStar™ Dengue Typing Kit is a multiplex kit for the simultaneous and specific detection and differentiation of Dengue 1 (5'UTR/capsid gene), Dengue 2 (*E* gene), Dengue 3 (*prM* gene) and Dengue 4 (5'UTR/capsid gene) virus in human serum samples.



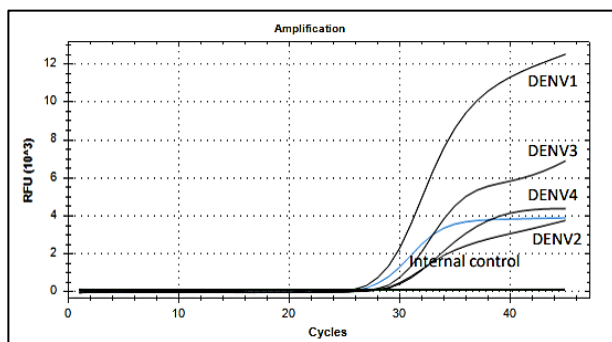
Detection on CFX Opus 96 – Dengue 1 and Dengue 3



## LyteStar™ Dengue Typing RT-PCR Kit



Dengue 2 and Dengue 4



Positive Control (PC) and Internal Control (IC).

- **Multiplex kit** for Detection and Differentiation:
  - Dengue 1 specific; 5'UTR/capsid gene
  - Dengue 2 specific; *E*-gene
  - Dengue 3 specific; *prM*-gene
  - Dengue 4 specific; 5'UTR/capsid gene
  - Internal Control (IC); heterologous RNA
- **Highest Analytical Sensitivity**
  - 2.01 cp/μl for Dengue 1 5'UTR/capsid-gene
  - 2.88 cp/μl for Dengue 2 *E*-gene
  - 1.56 cp/μl for Dengue 3 *prM*-gene
  - 2.64 cp/μl for Dengue 4 5'UTR/capsid-gene
- **100% Analytical Specificity; no cross reactivity** with other mosquito borne viruses and other pathogens
- **100% Diagnostic Sensitivity**
- **100% Diagnostic Specificity**
- Optimised for use on real-time PCR systems: CFX Opus 96 (BioRad) and CFX96 (BioRad)
- **MDA Reg. No. IVDC7682024-160159**

## 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™ Dengue Typing RT-PCR Kit 1.0      | Master A, Master B, Positive Control (PC), Internal Control (IC), PCR-grade Water                                          | 96  | 891003   |
| 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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