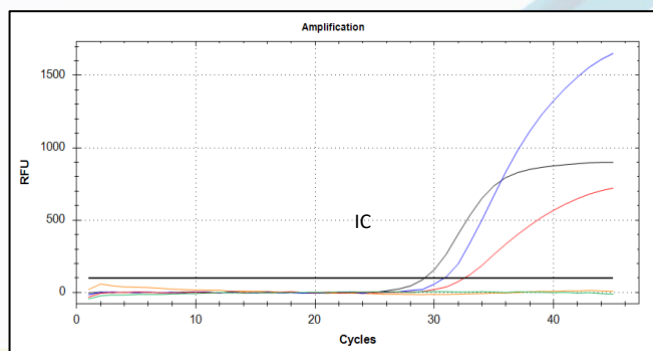
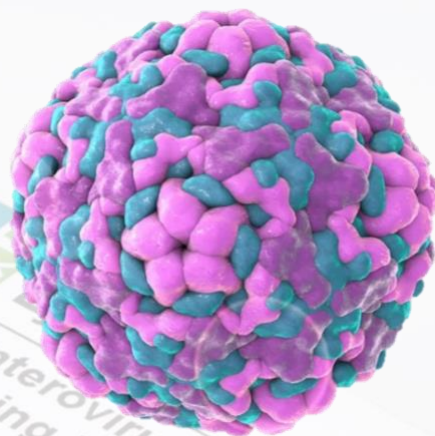




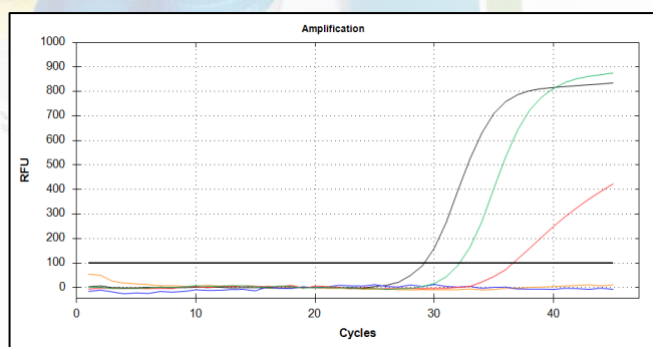
LyteStar™ Enterovirus HFMD Typing Kit

Multiplex detection of Pan-Enterovirus,
Enterovirus 71, Coxsackievirus A6 & A16

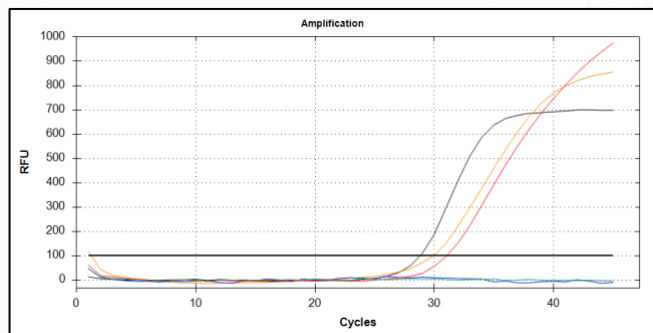
The LyteStar™ Enterovirus HFMD Typing Kit is a multiplex kit for the specific detection of human Enteroviruses (5'UTR region) and subtyping of the most prevalent Hand, Foot and Mouth Disease causing group of Enteroviruses; Enterovirus A71 (VP3-VP1 gene), Coxsackievirus A16 (VP1 gene) and Coxsackievirus A6 (VP1 gene), in a single reaction.



Pan-Enterovirus and Enterovirus A71



Pan-Enterovirus and Coxsackievirus A16



Pan-Enterovirus and Coxsackievirus A6

Specifications and Features

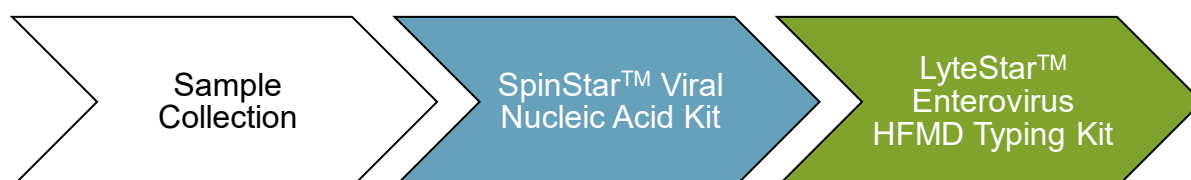
- **Multiplex kit for Detection and Subtyping:**
 - Pan-Enterovirus specific; 5'UTR region
 - Enterovirus A71 specific; VP3-VP1-gene
 - Coxsackievirus A16 specific; VP1-gene
 - Coxsackievirus A6 specific; VP1-gene
 - Internal Control (IC); heterologous RNA
- **Highest Analytical Sensitivity**
 - 2.44 cp/μl for Pan-Enterovirus 5'UTR region
 - 1.79 cp/μl for Enterovirus A71 VP3-VP1-gene
 - 3.44 cp/μl for Coxsackievirus A16 VP1-gene
 - 4.79 cp/μl for Coxsackievirus A6 VP1-gene
- **100% Analytical Specificity;** no cross reactivity with other viruses and pathogens
- **Overall Diagnostic Sensitivity**
 - 100% for Enterovirus A71 & Coxsackievirus A6
 - 93.75% for Pan-Enterovirus
 - 93.55% for Coxsackievirus A16
- **Overall Diagnostic Specificity**
 - 100% for Pan-Enterovirus, Enterovirus A71 & Coxsackievirus A6
 - 93.10% for Coxsackievirus A16
- Optimised for use on real-time PCR systems: CFX Opus 96 (BioRad) and CFX96 (BioRad)
- **MDA Reg. No. IVDC10433225-193152**



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™ Enterovirus HFMD Typing RT-PCR Kit 1.0	Master A, Master B, Positive Control (PC), Internal Control (IC), PCR-grade Water	96	881303
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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