

SwiftX™ Media

Technical Sheet



Composition of SwiftX Media:

SwiftX Media (125) contains reagents for 125 extractions of RNA and DNA:

- SwiftX **Buffer ME** (25mL): a multifunctional buffer stabilizing virus particles and facilitating highly efficient lysis and inhibitor deactivation
- SwiftX **Component P** (27mg): powerful protease lysing viruses & cells and neutralizing inhibitors such as RNases and DNases



Applications of SwiftX Media:

- Available product variants:
 - for use in **Life Science research**
 - for use in **routine molecular diagnostics**
- One-step extraction of RNA and DNA in 10 minutes:
 - Rapid lysis of viruses, gram-negative & gram-positive bacteria, and host cells
 - Highly efficient for samples in transport media and bacterial & eukaryotic cell cultures



Experimental data:

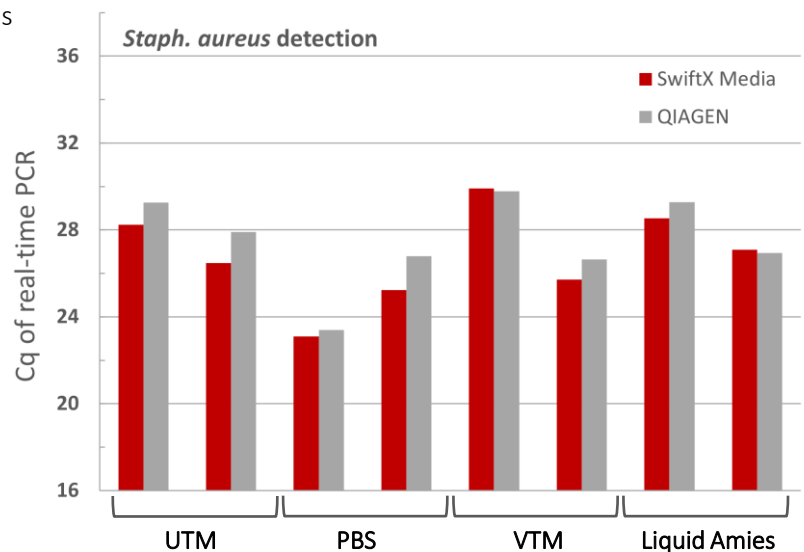
Detection of *Staphylococcus aureus* using real-time PCR

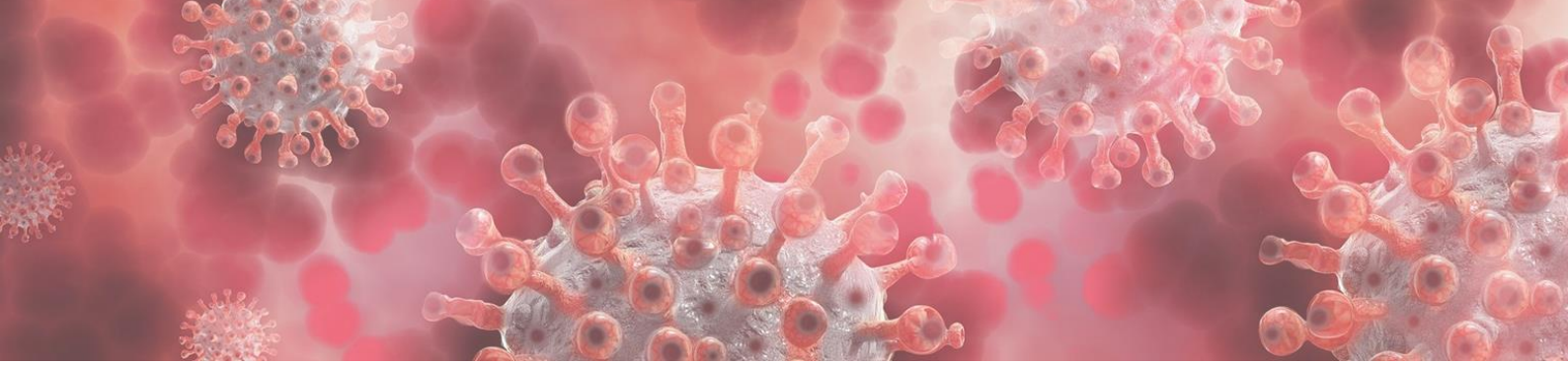
Specimen: nasal swabs eluted in UTM, PBS, VTM, and Liquid Amies medium

Reference: QIAamp cadof Pathogen Mini Kit

Analyte: *S. aureus* nuc gene

PCR-Mix: QIAGEN QuantiNova Pathogen Mastermix





Experimental data:

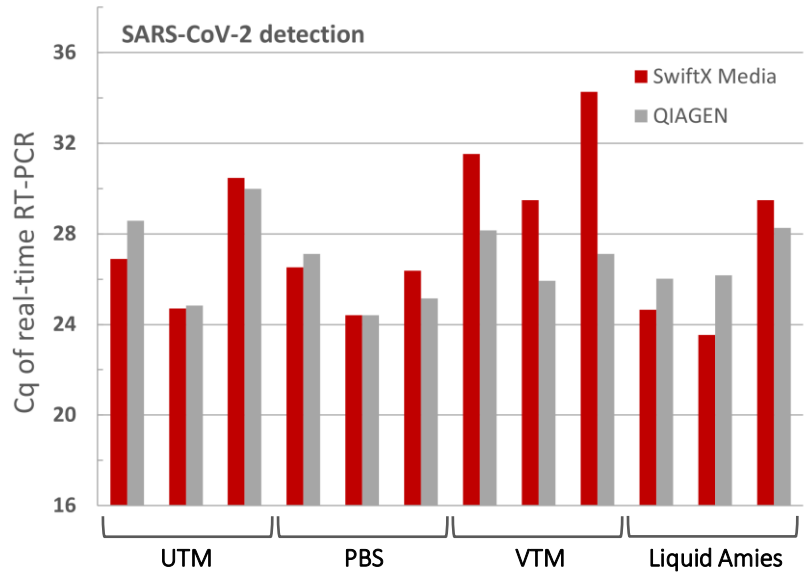
Detection of SARS-CoV-2 using real-time RT-PCR

Specimen: naso- and oropharyngeal swabs eluted in UTM, PBS, VTM, and Liquid Amies medium

Reference: QIAamp cadof Pathogen Mini Kit

Analyte: SARS-CoV-2 RdRp gene

PCR-Mix: QIAGEN QuantiNova Pathogen Mastermix



Detection of human genomic DNA using real-time PCR

Specimen: nasal, naso-/oropharyngeal swabs eluted in UTM, PBS, VTM, and Liquid Amies medium

Reference: QIAamp cadof Pathogen Mini Kit

Analyte: multicopy gene

PCR-Mix: QIAGEN Investigator Quantiplex Kit

