AquaScreen® *Escherichia coli*

Included

- E — *E. coli* Mix
- R — Rehydration Buffer
- P — Positive Control DNA
- I — Internal Control DNA
- W — PCR-grade Water

Duration

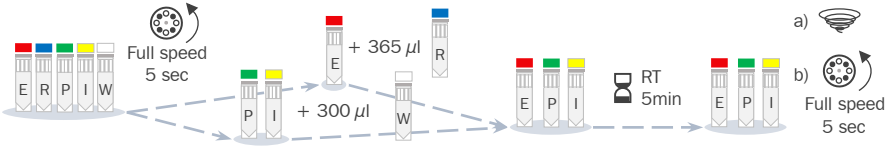
< 45 min

Additionally required

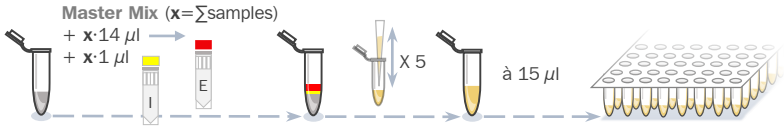
· PCR reaction tubes
· 1.5 ml reaction tubes
· Tools: Microcentrifuge
Pipettes with corresponding filter tips
qPCR device (+ filter sets for FAM™/ ROX™detection)
Optional: PCR Quantification Standard

Procedure

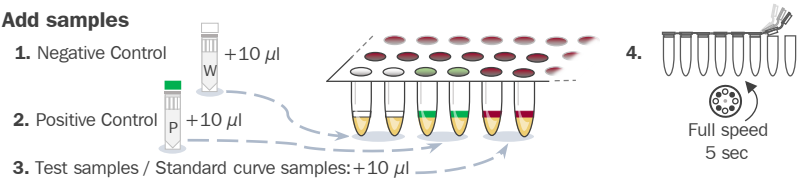
1. Reagent Preparation



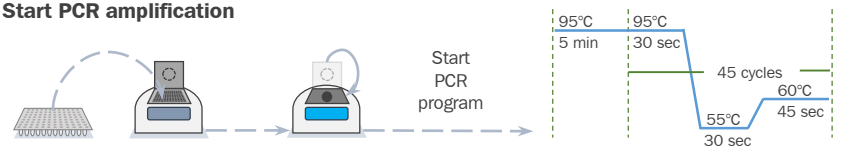
2. Reaction Mix Preparation



3. Add samples



4. Start PCR amplification



Storage

Store kit components at +2 to +8 °C.
The rehydrated components must be stored at < -18 °C.
Extracted samples must be stored at < -18 °C.
Repeated freeze/ thaw must be avoided.

Legend

- *E. coli*
- Rehydration Buffer
- Positive Control
- Internal Control
- PCR-grade Water
- Master Mix
- Complete PCR Master Mix
- Test samples/ Standard curve
- Vortex
- Incubate
- Centrifuge