Sexually Transmitted Diseases
For all monoplex and multiplex kits

**KIT VARIANT**

非均匀分配 (non-aliquoted)

- Total reaction volume: 25 µl
- DNA sample volume: 10 µl

**KIT VARIANT**

均匀分配 (aliquoted in microtubes)

- Total reaction volume: 30 µl
- DNA sample volume: 10 µl

**PCR REACTIONS PREPARATION**

1. **VORTEX & SPIN**
   - Transfer 15 µl of mixture to each microtube

2. **DNA EXTRACTION**
   - X samples (lysis)
   - Internal Control

3. **PCR REACTION**
   - 10 µl extracted DNA
   - 10 µl DNA-buffer
   - 10 µl PCR-mix-2-FL-red
   - 10 µl PCR-mix-1-FL
   - 10 µl PCR-mix-2-FRT
   - 0.5*(N+1) µl polymerase
   - 0.5*(N+1) µl PCR-mix-1-FL microtube

4. **AMPLIFICATION**
   - X samples
   - NCA
   - C+
   - amplification controls

**Internal Control**

- X - number of samples including Negative control of extraction (C-)

**DNA EXTRACTION**

- X - number of samples for DNA extraction including 1 negative control of DNA extraction (C-)

**N - number of amplification reactions (including 2 amplif. controls - NCA, C+)**

(N=X+2)