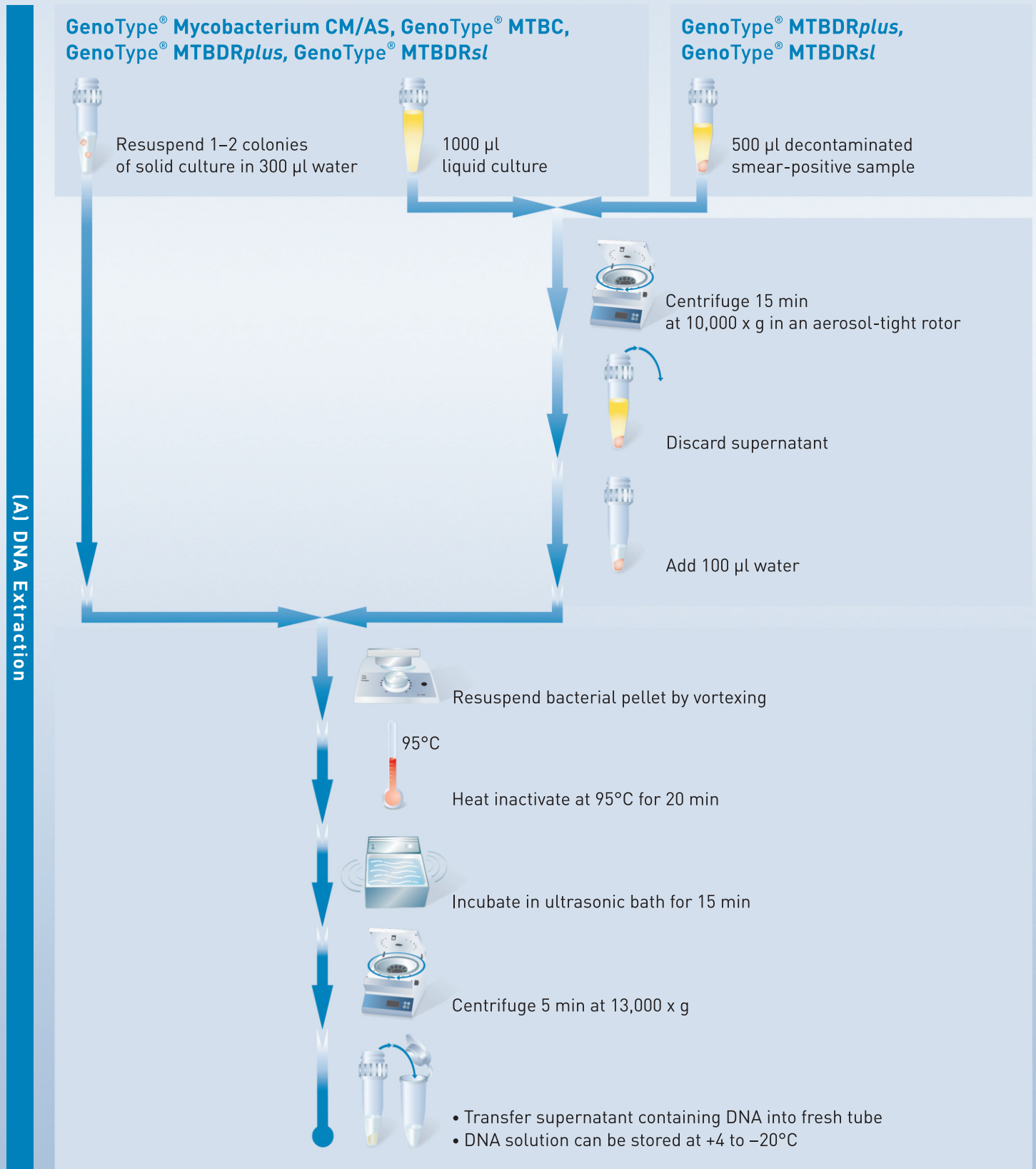


GenoType[®] Mycobacteria Series

DNA Extraction Area, BSL 2/BSL 3 Laboratory

- First put on new gloves, then lab coat
- Decontaminate work area with freshly diluted 0.5% sodium hypochlorite solution
- Use fresh aliquot of molecular biology grade water for all steps



- Decontaminate all instruments, pipettes, racks and bench space with freshly prepared 0.5% sodium hypochlorite solution

GenoType[®] Mycobacteria Series

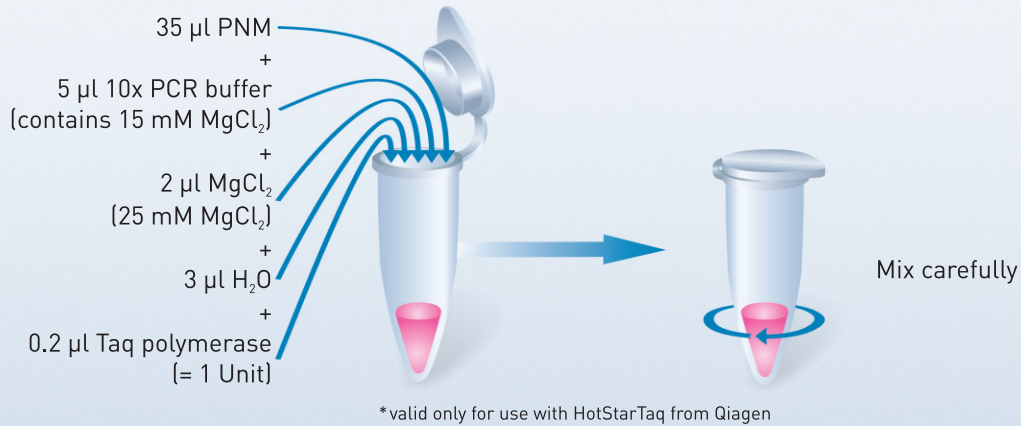
Pre-PCR Area, BSL 1 Laboratory

- First put on new gloves, then lab coat
- Decontaminate work area with freshly diluted 0.5% sodium hypochlorite solution
- Use fresh aliquot of molecular biology grade water
- Use new PCR tubes
- Close all vials in between pipetting steps to avoid pipetting and handling above open vials
- Whenever opening a new kit aliquot PNM and polymerase and store at -20°C

GenoType[®] Mycobacterium CM/AS
 GenoType[®] MTBC
 GenoType[®] MTBDRplus
 GenoType[®] MTBDRsl

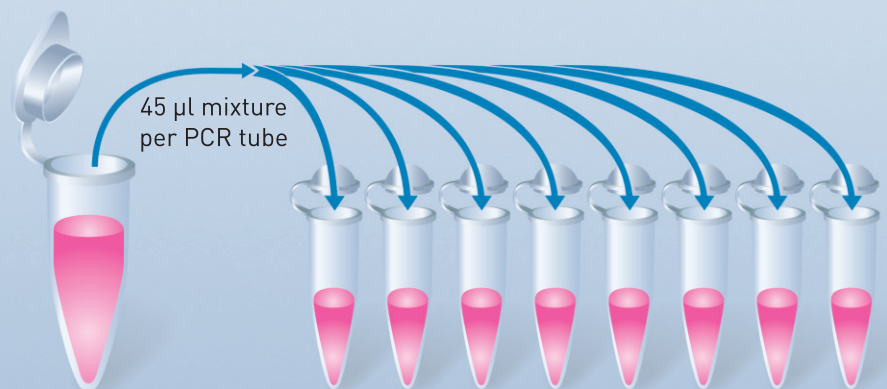
Determine the number of samples to be analyzed plus control samples

Amplification mix per sample*:



Prepare a master mix for the determined number of samples, mix and aliquot

Master mix aliquots:

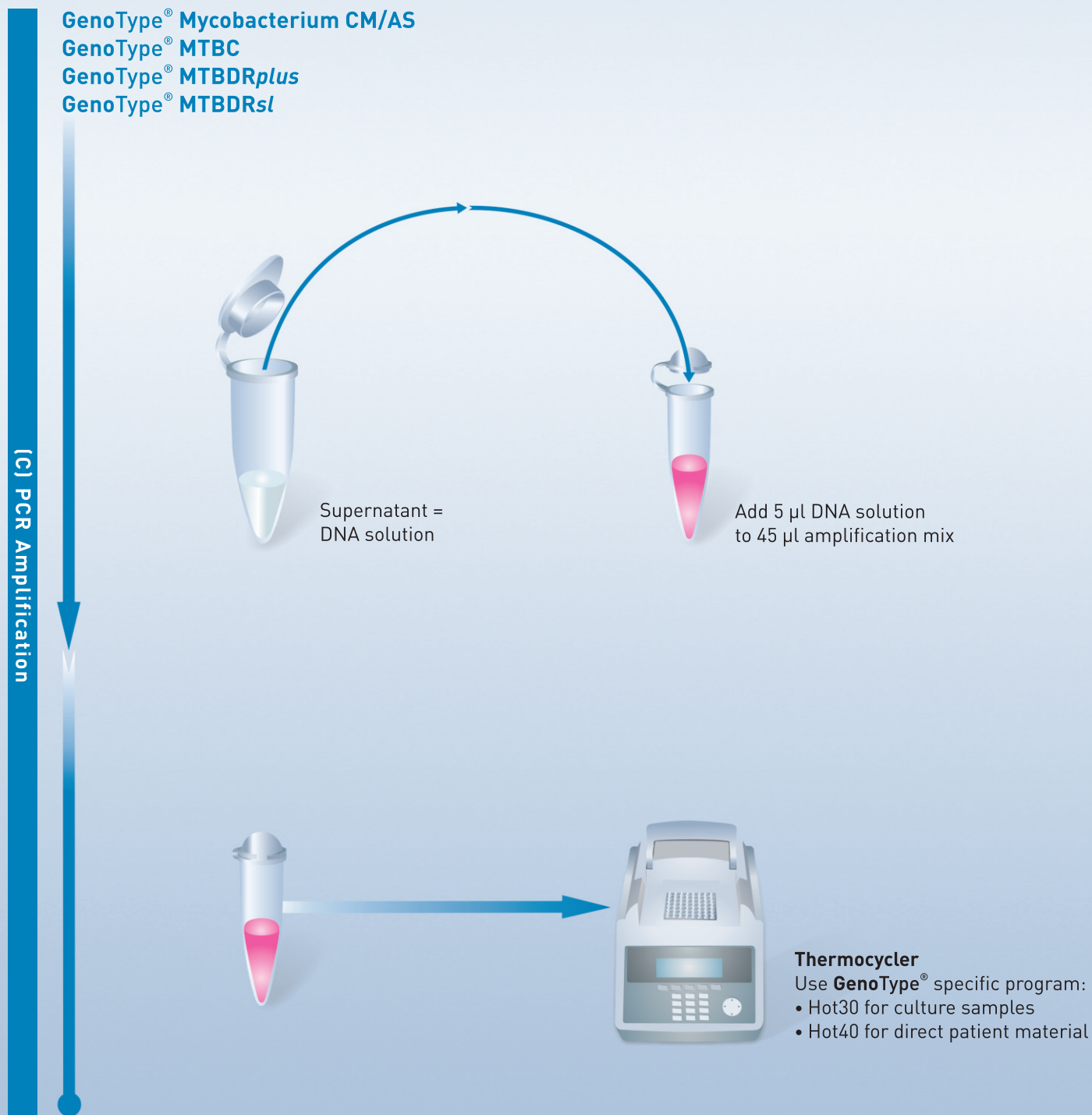


- Decontaminate all instruments, pipettes, racks and bench space with freshly prepared 0.5% sodium hypochlorite solution

GenoType[®] Mycobacteria Series

PCR Area, BSL 1 Laboratory

- First put on new gloves, then lab coat



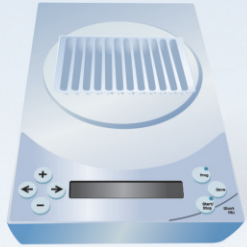
- Decontaminate all instruments, pipettes, racks and bench space with freshly prepared 0.5% sodium hypochlorite solution

GenoType[®] Mycobacteria Series

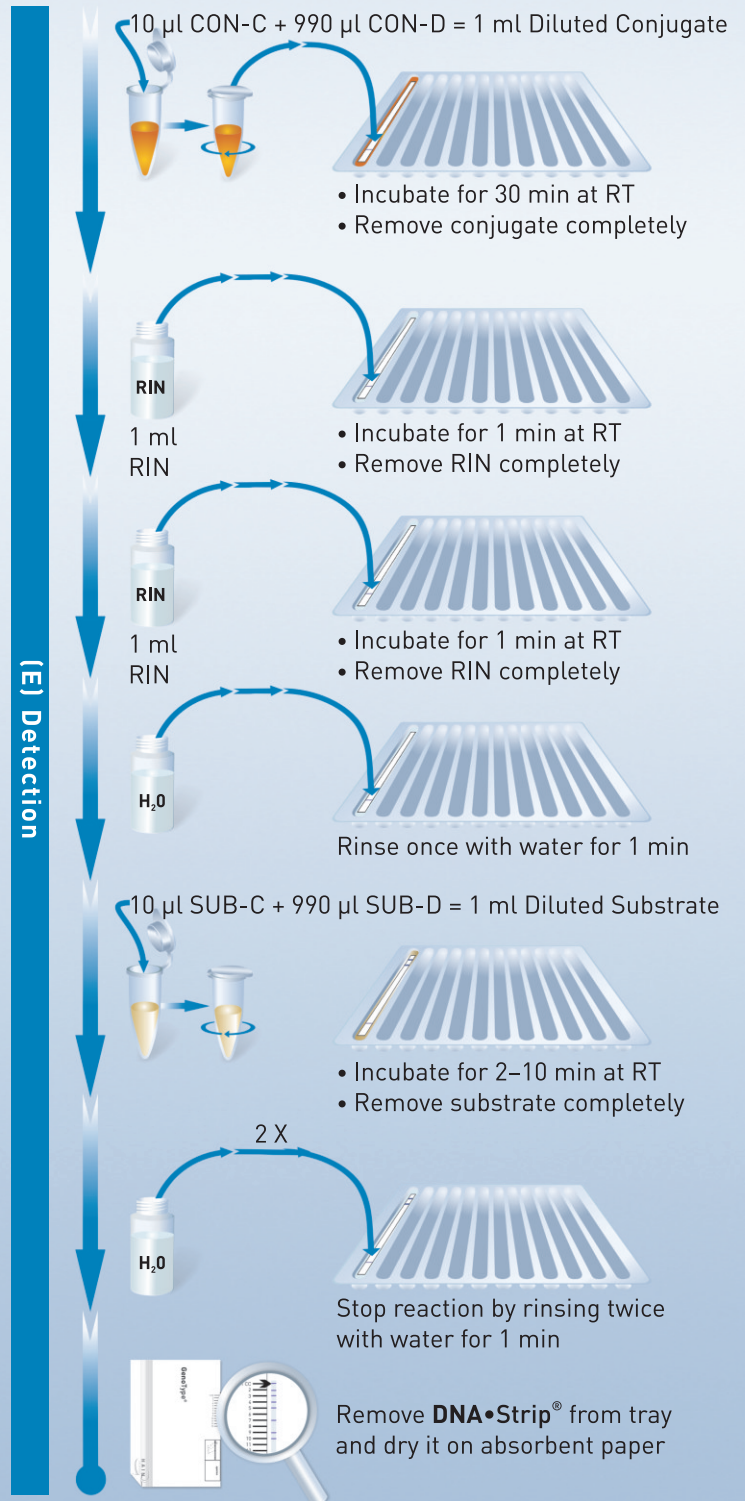
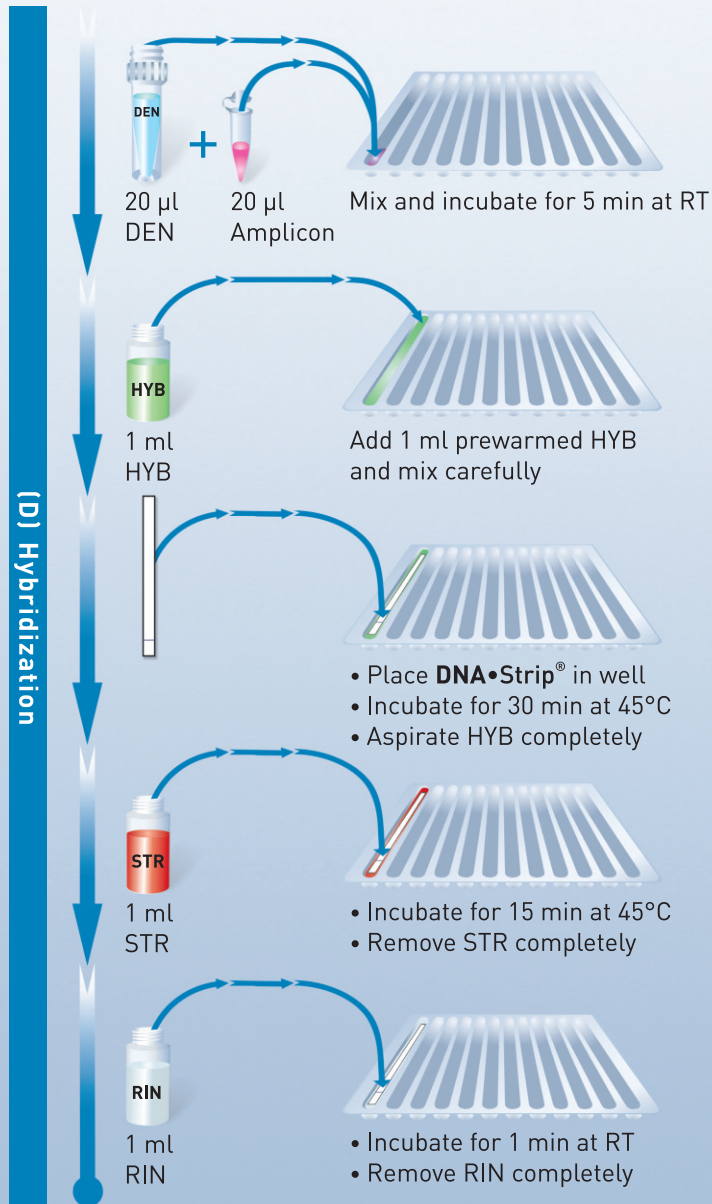
Hybridization Area, BSL 1 Laboratory

- First put on new gloves, then lab coat
- Decontaminate work area with freshly diluted 0.5% sodium hypochlorite solution
- Prewarm HYB and STR at 45°C to dissolve all precipitates
- Prewarm RIN and distilled water to room temperature
- Freshly dilute CON-C and SUB-C 1:100 in the respective dilution buffer and protect from light

GenoType[®] Mycobacterium CM/AS, GenoType[®] MTBC, GenoType[®] MTBDRplus, GenoType[®] MTBDRsl



Use **TwinCubator[®]** with program P1 for the hybridization and detection procedure



- Decontaminate all instruments, pipettes, racks and bench space with freshly prepared 0.5% sodium hypochlorite solution