

# MICRONAUT-SB

## Microplates for automated or manual susceptibility testing of bacteria

### Principle

The susceptibility testing with MICRONAUT-SB plates is based on the rehydration of antibiotics and broth by adding a bacterial suspension. After incubation of 6 hours (rapid AST) or 18-24 hours at 35-37 °C the plates are read photometrically with the Skan device and the results are evaluated with MICRONAUT software. The plates can also be read and interpreted visually.

### Storage conditions

Because of a special vacuum drying process the plates are stable up to 24 months if stored at a room temperature of 15-25 °C.

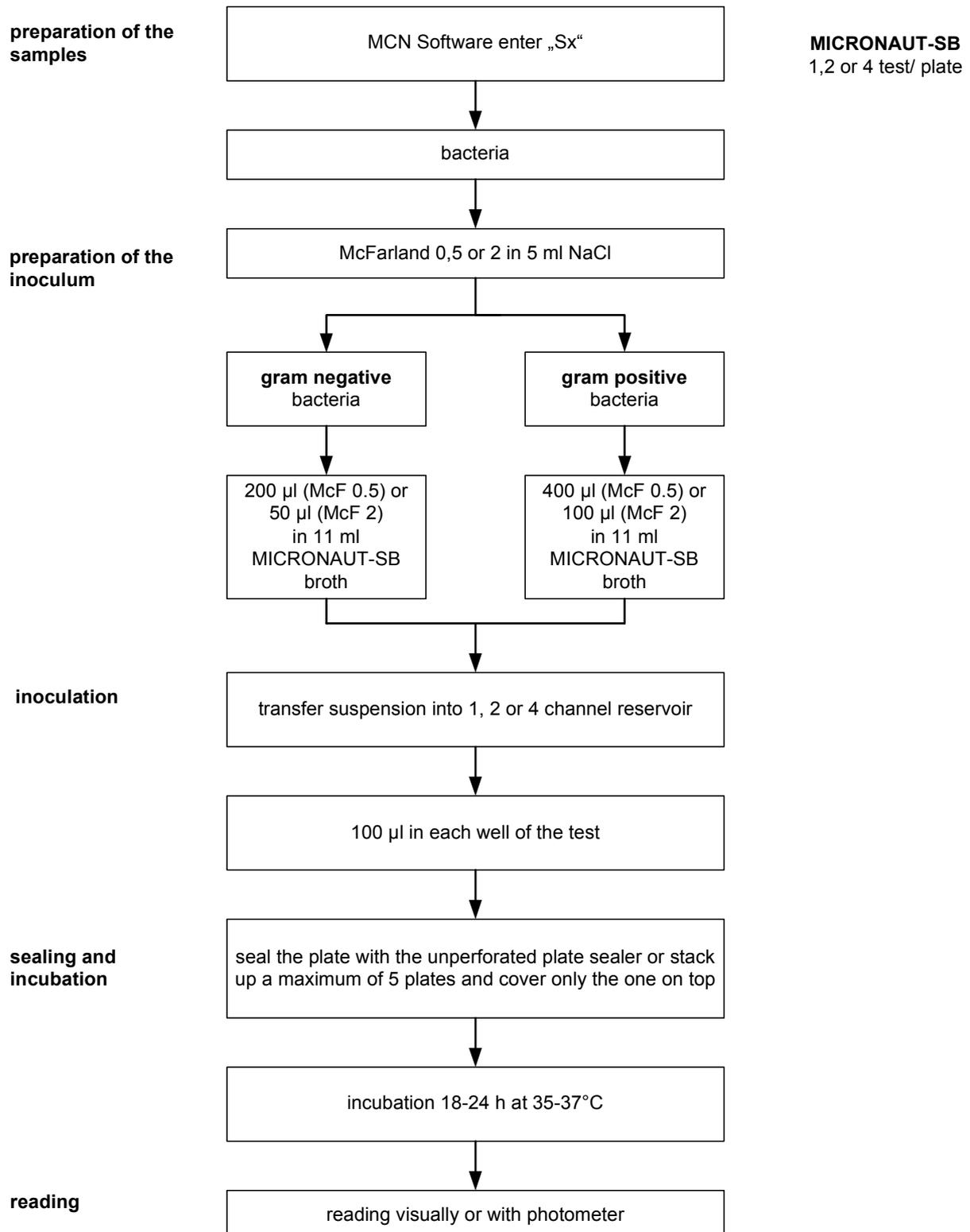
### Test procedure

- ▼ Preparation of bacteria suspension in NaCl (McFarland 0.5)
- ▼ Transfer to MICRONAUT-SB Medium
- ▼ Inoculation of MICRONAUT-SB test plate
- ▼ Incubation for 6 or 18-24 hours at 35-37 °C
- ▼ Photometric reading with the Skan device
- ▼ Interpretation of the results with MICRONAUT software

### Antibiotics

Any customer defined antibiotic configuration (MIC or break point) can be offered. Depending on the antibiotics and concentration ranges selected (breakpoint or MIC) 1, 2 or 4 isolates may be tested on a single MICRONAUT-SB plate. In addition customers have the choice to select between a diversity of standard AST panels.

## MICRONAUT-SB short instruction (rapid test)



## MICRONAUT-SB short instruction (overnight test)

