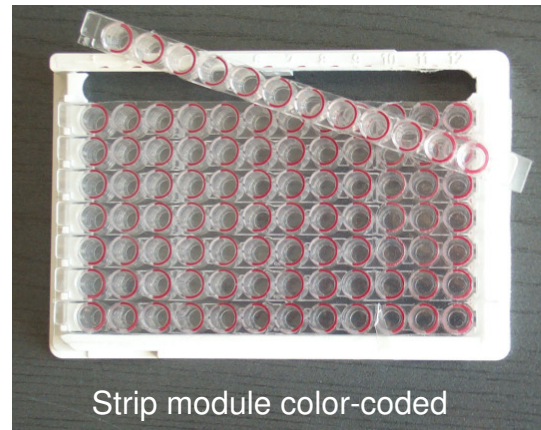


MIC-Strip

Manual susceptibility testing of bacteria microbroth dilution technique for determination of minimum inhibitory concentration (MIC)



- ▼ Color-coded MIC-Strip
- ▼ Highly standardized approach
- ▼ Easily visual interpretation
- ▼ One package includes 5 x 8 strips/tests with 12 wells per strip (40 test per box)

These phenotypic confirmatory assays of the MIC-Strip product line are available

- ▼ **MIC-Strip ESBL II**
Assay for the detection of ESBL-producing *Enterobacteriaceae* (*Escherichia coli*, *Klebsiella pneumoniae*, *Proteus mirabilis*, *Salmonella spp.*, *Shigella spp.*) with dried Resazurin
- ▼ **MIC-Strip MRSA**
Phenotypic confirmatory assay for detection of methicillin resistant staphylococci with dried Resazurin
- ▼ **MIC-Strip PEN**
Phenotypic confirmatory assay for detection of penicillin resistance in penicillin non-susceptible isolates of streptococci and pneumococci
- ▼ **MIC-Strip VAN**
Phenotypic confirmatory assay for detection of vancomycin resistant gram-positive bacteria
- ▼ Customized MIC-Strips with other antibiotics on demand

Phenotypic confirmatory assays of the MIC-Strip

▼ MIC-Strip ESBL II:

Phenotypic confirmatory assay for detection of ESBL producing enteric bacteria

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|-------------------------|------------------------|----------------------|----------------------|----------------------|-----------|-----------|-----------|------------|------------|------------|
| GC | CEPO/ CLAV 0,25/4 | CEPO/ CLAV 0,5/4 | CEPO/ CALV 1/4 | CEPO/ CLAV 2/4 | CEPO/ CALV 4/4 | CEPO 2 | CEPO 4 | CEPO 8 | CEPO 16 | CEPO 32 | CEPO 64 |

Antibiotics: Cefpodoxime / Clavulanic acid (CEPO/CLAV), Cefpodoxime (CEPO),
GC = growth control

ESBL Phenotype = MIC CEPO > 3 dilution steps MIC CEPO/CLAV

▼ MIC-Strip MRSA:

Phenotypic confirmatory assay for detection of methicillin resistant staphylococci

Antibiotics: Cefoxitin (CEXI); Oxacillin (OXA)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|--------|--------|--------|-------------|---------|----------|-------|-------|----------|-----------|-----------|
| GC | CEXI 2 | CEXI 4 | CEXI 8 | OXA 0,25 | OXA 0,5 | OXA 1 | OXA 2 | OXA 4 | OXA 8 | OXA 16 | OXA 32 |

MRSA: Oxacillin \geq 2, Cefoxitin \geq 8

BORSA: Oxacillin 2-4; Cefoxitin \leq 4

▼ MIC-Strip PEN:

Phenotypic confirmatory assay for detection of penicillin resistance in penicillin non-susceptible isolates of streptococci and pneumococci

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|----------------|---------------|--------------|-------------|------------|----------|----------|----------|----------|-----------|-----------|
| GC | PEN 0.03125 | PEN 0.0625 | PEN 0.125 | PEN 0,25 | PEN 0,5 | PEN 1 | PEN 2 | PEN 4 | PEN 8 | PEN 16 | PEN 32 |

Antibiotic: Penicillin (PEN)

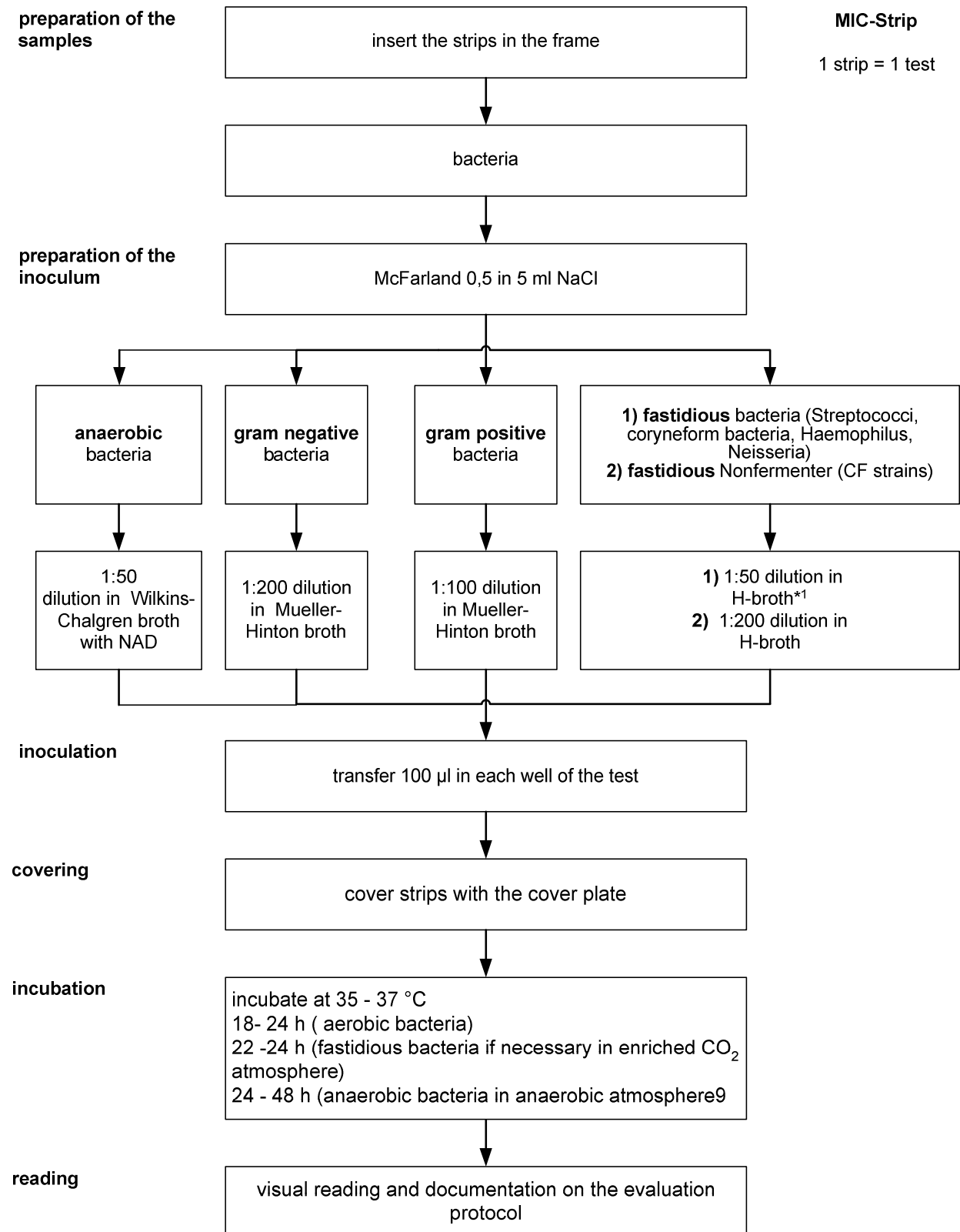
▼ MIC-Strip VAN:

Phenotypic confirmatory assay for detection of vancomycin resistant gram-positive bacteria

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|---------------|--------------|-------------|------------|----------|----------|----------|----------|-----------|-----------|-----------|
| GC | VAN 0.0625 | VAN 0.125 | VAN 0.25 | VAN 0.5 | VAN 1 | VAN 2 | VAN 4 | VAN 8 | VAN 16 | VAN 32 | VAN 64 |

Antibiotic: Vancomycin (VAN)

MIC-Strip short instruction



*1 or in lysed horse blood supplemented Mueller-Hinton-broth