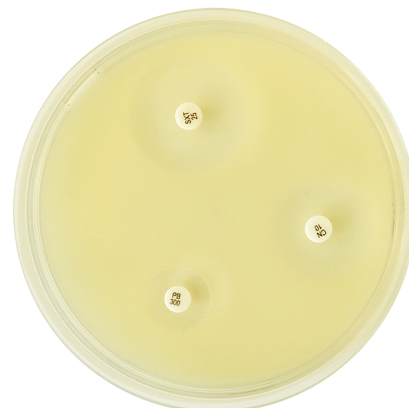


## Mueller Hinton Agar

N° Cat: 1058

N° Batch: 109231

Re-test Date: 9/2024



### Formula in g/l

|                         |      |                      |     |
|-------------------------|------|----------------------|-----|
| Acid casein peptone (H) | 17,5 | Bacteriological agar | 17  |
| Beef infusion           | 2    | Starch               | 1,5 |

### Quality control

| Solubility          | Appearance  | Color of the dehydrated medium | Color of the prepared medium                 | Final pH (25°) | Batch pH |
|---------------------|-------------|--------------------------------|--|----------------|----------|
| Slightly opalescent | Fine powder | Cream                          | w/o blood: Amber opalescent. with blood: Red | 7,4±0,2        | 7,5      |

### Microbiological test

Disk diffusion sensitivity testing. Incubation conditions: (35±2 °C / 24 h).

Diameter halo in mm.

| Microorganisms                           | Gentamycin 10 µg | Ampicillin 10 µg | Tetracycline 30 µg | Polymyxin B 300 µg | SXT: Trimethoprim (1,25µg)+Sulfamethoxazole (23,75 µg) |
|--|------------------|------------------|--------------------|--------------------|--|
| Escherichia coli ATCC 25922 CLSI         | 19-26            | 15-22            | 18-25              | 13-19              | 23-29  |
| Escherichia coli ATCC 25922 EUCAST       | 19-26            | 15-22            |                    | 13-19              | 23-29  |
| Staphylococcus aureus ATCC 25923 CLSI    | 19-27            | 27-35            | 24-30              |                    | 24-32  |
| Staphylococcus aureus ATCC 25923 EUCAST  |                  |                  |                    |                    |  |
| Pseudomonas aeruginosa ATCC 27853 CLSI   | 17-23            |                  |                    | 14-18              |  |
| Pseudomonas aeruginosa ATCC 27853 EUCAST | 17-23            |                  |                    |                    |  |
| Enterococcus faecalis ATCC 29212 CLSI    |                  |                  |                    |                    |  |
| Enterococcus faecalis ATCC 29212 EUCAST  |                  |                  |                    |                    | 26-34  |
| Staphylococcus aureus ATCC 29213 CLSI    |                  |                  |                    |                    |  |
| Staphylococcus aureus ATCC               |                  |                  |                    |                    |  |

This certificate is an electronic copy of the certificate available in our laboratory and does not require signature.