

## Specification

Solid selective medium, recommended for molecular genetic studies with resistant *Escherichia coli*.

## Presentation

20 Prepared Plates  
90 mm  
with: 21 ± 2 ml

### Packaging Details

1 box with 2 packs of 10 plates/pack. Single cellophane..

### Shelf Life

3 months

### Storage

2-14°C

## Composition

Composition (g/l):

Casein peptone..... 10.000

Yeast extract..... 5.000

Sodium chloride..... 10.000

Ampicillin..... 0.100

Agar..... 15.000

## Description /Technique

A classic Miller's medium antibiotic (ampicillin) has been added for molecular genetic studies in resistant *E. coli*.

### Technique:

Dilute and prepare samples and volumes as necessary according to specific protocols, established regulations, official directives and / or expected results. Each technician must evaluate the results according to the specifications established in his laboratory.

## Quality control

### Physical/Chemical control

Color : Straw-coloured yellow      pH: 7 ± 0.2 at 25°C

### Microbiological control

Spiral Spreading: Practical range 100±20 CFU; Min. 50 CFU (Productivity) / 10<sup>4</sup>-10<sup>6</sup> CFU (Selectivity).

Aerobiosis. Incubation at 35 ± 2°C, reading after 18-24 hours

### Microorganism

*Escherichia coli* ATCC® 25922, WDCM 00013

### Growth

Inhibited

### Sterility Control

Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH

Check at 7 days after incubation in same conditions

## Bibliography

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