

# Melibiose Test

Kit used for the differentiation and identification of melibiose fermentation and non-fermentation bacteria.

## • CONTENTS (Vial)

Melibiose Test Mixture 30 tubes  
1 Instruction Sheet

**Storage condition** : Store at 2 - 6 °C

## • PROCEDURE

1. Take a tube from the refrigerator and leave it on the test bench at room temperature.
2. With a sterile loop, suspend a well isolated bacterial colony.
3. Inoculate the tube and incubate at  $35 \pm 2^\circ\text{C}$  for 18 - 24 hours.

## • INTERPRETATION

Melibiose Test is a kit used for the differentiation and identification of melibiose fermentation and non-fermentation bacteria. The tubes contain a desiccated protein mixture and melibiose as a fermentable source. During fermentation, a local pH drop because the melibiose fermentation bacteria acid the medium. In result, melibiose fermenting organisms cultivate with color changing of the medium into yellow but none-fermenting organisms do not.

## • QUALITY CONTROL FOR USE

Appearance : clear

Color : red

Incubation conditions :  $35 \pm 2^\circ\text{C}$  / 18 - 24 hours

Microorganism		Melibiose Test
<i>Escherichia coli</i>	ATCC 25922	+
<i>Pseudomonas aeruginosa</i>	ATCC 27853	-



## • STORE

Store Melibiose Test at 2 - 6°C away from light in its original package, until the expiry date shown on the label. Keep away from sources of heat and avoid excessive changes of temperature. Do not use after expiry date. Dispose of them if they show signs of deterioration. Eliminate if signs of deterioration or contamination are evident.

## • PRECAUTION

The package of Melibiose Test does not contain substances classified as hazardous under current legislation. melibiose Test is used only for diagnostic use in vitro. After use, Melibiose Test and the material that comes in contact with the sample must be decontaminated and disposed in accordance with the techniques used in the laboratory for decontamination and disposal of potentially infectious materials.

## • REFERENCES

1. Bayley and scott's. Diagnostic Microbiology, 7th Edition Mosby Company (1968).
2. Blazevic, D.J., and Ederer, G.M. Principles of biochemical tests in diagnostic microbiology. 63-67. New York, John Wiley & Sons,1975
3. E.H. Lennette. Manual of Clinical Microbiology, 4th Edition A.S.M. (1985).

## • PACKAGE

Cat. No : MB-88221 Melibiose Test	30 tubes
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