

Product Name : Mannitol Test

Test to detect the bacterial sugars fermentation.

CONTENT OF THE PACKAGES

Mannitol test Mixture 30 tubes
1 Instruction Sheet

INTERPRETATION

Mannitol Test is test to detect the bacterial sugars fermentation. The tubes contain a desiccated protein mixture and the sugar substratum of the fermentation. Such reaction identifies the bacterial strains.

PRINCIPLE OF THE METHOD

The carbohydrate fermentations are very important tests for the identification of several bacterial strains of particular clinical importance, both gram positive and gram negative. The Mannitol Test is evidenced by the colour change from red to yellow of the pH indicator in the medium.

PROCEDURE

- Take a tube from the kit.
- Suspend using a sterile loop to well isolated colony from culture medium.
- Inoculate the tube and incubate at 36°C for 18 hours until to 24 hours.
- Interpret the results by referring to reactions table.

INTERPRETATION OF THE RESULTS

Interpret the results according to the table

Color of the medium	Sugar Fermentation Test
Yellow	Positive
Red	Negative

Mannitol Test (MB-88214)



Staphylococcus aureus
ATCC 25923



Pseudomonas aeruginosa
ATCC 27853

Product Name : Mannitol Test

QUALITY CONTROL FOR USE

Each batch of Sugar Fermentation Test is submitted to the quality control using the following microorganisms :

Product	Quality control microorganism			
	Positive Control	ATCC	Negative control	ATCC
Mannitol Test	<i>Staphylococcus aureus</i>	25923	<i>Pseudomonas aeruginosa</i>	27853

PRECAUTIONS

The package of Mannitol Test are not contain substances classified as hazardous under current legislation. Mannitol Test are used only for diagnostic use in vitro. It is intended for use in a professional environment and must be used in the laboratory by properly trained personnel, using approved asepsis and safety methods for handling pathogenic agents

STORE

Store at 2-6 °C in its original package. In such conditions the product is valid until the expiry date shown on the label. Do not use after expire date. Dispose of them if they show signs of deterioration.

DISPOSAL OF USED MATERIAL

After the use, Mannitol Test and the material that has come into contact with the sample must be decontaminated and disposed of in accordance with the laboratory procedures.

REFERENCES

1. Bayley and scott's. Diagnostic Microbiology. 7th Edition Mosby Company (1986).
2. E.H. Lennette. Manual of Clinical Microbiology. 4th Edition A.S.M. (1985).

PACKAGE

Cat. No : MB-88214 Mannitol Test	30 tubes
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