

NOVOBIOCIN MKTT Supplement

Selective supplement for the detection of *Salmonella* spp.

DESCRIPTION

NOVOBIOCIN MKTT Supplement is a selective supplement for the detection of *Salmonella* spp, used for enrichment of MULLER KAUFFMANN BROTH BASE cod. 610239 or 620239.

KIT CONTENTS

Each kit contains:

- 10 bottles of NOVOBIOCIN MKTT Supplement freeze-dried
- 1 Instruction sheet

PRINCIPLE OF THE METHOD

Novobiocin is an antibiotic effective against both Gram-negative and Gram-positive bacteria.

COMPOSITION

NOVOBIOCIN MKTT Supplement		
	Contents / bottle	Contents / l of medium
Novobiocin	20.0 mg	40.0 mg

PROCEDURE FOR USE

1. Reconstitute the contents of a bottle of NOVOBIOCIN MKTT Supplement aseptically with 5 ml of sterile distilled water. Shake until completely dissolved, avoiding foam formation.
2. Add the entire contents of a bottle (5 ml) aseptically to 500 ml of MULLER KAUFFMANN BROTH BASE cod. 610239 or 620239, boiled, cooled to 45-50°C and added with IODINE MKTT SOLUTION.
3. Mix with care.
4. Distribute into sterile tubes.

TECHNIQUE AND INTERPRETATION OF THE RESULTS

Refer to the technical documentation of MULLER KAUFFMANN BROTH BASE cod. 610239 or 620239.

QUALITY CONTROL

1. Control of the appearance: a white freeze-dried product.
2. Microbiological control.

Prepare the tubes using as base MULLER KAUFFMANN BROTH BASE cod. 610239 or 620239 enriched with NOVOBIOCIN MKTT Supplement (1 bottle in 500 ml of medium) and IODINE MKTT SOLUTION. The tubes are seeded with the strains indicated in the microbiological control table.

Incubation conditions: 24 ± 3 h at 37 ± 1 °C

Microbiological control

Control strains		Growth
<i>Salmonella typhimurium</i>	ATCC 14028	Good
<i>Escherichia coli</i>	ATCC 25922	Inhibited
<i>Salmonella seftenberg</i>	ATCC 10384	Good

PRECAUTIONS

The product NOVOBIOCIN MKTT Supplement is classifiable as hazardous under current legislation; it is recommended that the Safety Data Sheet be consulted on its use.

NOVOBIOCIN MKTT Supplement is a selective supplement to be used 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.


STORAGE

Store NOVOBIOCIN MKTT Supplement at 2-8°C in its original packaging. Keep away from sources of heat and avoid excessive changes of temperature. In such conditions NOVOBIOCIN MKTT Supplement maintains its validity until the expiry date indicated on the label. Eliminate without using if there are signs of deterioration.

REFERENCES










- DeSmedt, Bolderdijk, Rappold and Lautenschlaeger. 1986. J. Food Prot. 49:510.
- Dusch and Altwegg. 1995. J. Clin. Microbiol. 33:802.
- Aspinall, Hindle and Hutchinson. 1992. Eur. J. Clin. Microbiol. Infect. Dis. 11:936.

PRESENTATION

Product	REF	
NOVOBIOCIN MKTT Supplement	81073	10 bottles

One bottle is sufficient to prepare 500 ml of medium

TABLE OF SYMBOLS

 Batch code	 Do not reuse	 Manufacturer	 Contains sufficient for <n> tests	 Temperature limitation
 Catalogue number	 Fragile, handle with care	 Use by	 Caution, consult accompanying documents	



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