

SALMONELLA TEST AGAR

Selective medium for *Salmonella spp* isolation.

TYPICAL FORMULA (g/l)

Peptone.....	10.0
Beef Extract.....	1.0
Lactose.....	10.0
Sodium Desoxycholate.....	1.0
Sodium Chloride.....	5.0
Dipotassium Phosphate.....	2.0
Sodium Citrate.....	1.0
Neutral Red.....	0.03
Ferric Citrate.....	1.0
Aniline Blue.....	0.09
Propylene Glycol.....	12.0 ml
Agar.....	15.0
Final pH 7.4 ± 0.2	

DESCRIPTION

SALMONELLA TEST AGAR is a selective and differential medium for the isolation and identification of *Salmonella spp*.

PRINCIPLE

Gram-positive bacteria are inhibited, Gram-negative lactose-fermenting bacteria cultivate with blue colonies. Gram-negative lactose non-fermenting bacteria, such as *Salmonella* and *Proteus spp*, cultivate with colorless colonies.

TECHNIQUE

Streak a loopful of the sample to analyze onto the surface of the medium. Incubate at 36+/-1 °C for 24 hours.

INTERPRETATION of RESULTS

Salmonella spp show colorless colonies with a red centre whilst *Proteus spp* show colorless colonies without red centre. Do not observe colonies appearance after 24 hours.

STORAGE

15-25°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

For laboratory use.

The product doesn't contain dangerous substances according to directives 1999/45/CE and 2001/60/CE or for which exist recognized exposure limits.

DISPOSAL of WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. Lennette, E. H., Balows, A., Hausler, Jr. W. J. and Shadomy, H. J. (1985). *Manual of clinical microbiology* A.S.M. Washington D.C. 4th Ed.



Liofilchem s.r.l Bacteriology Products

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PRODUCT SPECIFICATIONS

NAME

SALMONELLA TEST AGAR

PRESENTATION

Ready plates (90 mm) containing 22+/-1 ml of medium.

STORAGE

15-25 °C

PACKAGING

Code	Content	Packaging
10141	20 plates	<ul style="list-style-type: none">5 plates in thermically soldered film4 x 5 plates in cardboard boxes
10141*	100 plates	<ul style="list-style-type: none">5 plates in thermically soldered film2 x 5 plates in thermically soldered bag10 piles (2 x 5 ps) in box

pH OF THE MEDIUM

7.4 ± 0.2

USE

SALMONELLA TEST AGAR is a selective and differential medium for the isolation and identification of *Salmonella spp.*

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE of the MEDIUM

Clear, reddish medium with light violet tones.

SHELFLIFE










6 months

QUALITY CONTROL

- Control of general characteristics, label and print
- Sterility control
7 days at 25 ± 1 °C, in aerobiosis
7 days at 36 ± 1 °C, in aerobiosis
- Microbiological control
Inoculum for productivity: 10-100 UFC/ml
Inoculum for selectivity: 10⁴-10⁵ UFC/ml
Inoculum for specificity: ≤ 10⁴ UFC/ml
Incubation conditions: 18-24 h at 36 ± 1 °C, in aerobiosis

Microorganism		Growth	Color of colonies	Red centre
<i>Escherichia coli</i>	ATCC 25922	Good	Blue	-
<i>Salmonella typhimurium</i>	ATCC 14028	Good	Colorless	+
<i>Enterococcus faecalis</i>	ATCC 19433	Inhibited		
<i>Proteus mirabilis</i>	ATCC 25933	Good	Colorless	-

TABLE of SYMBOLS

Symbol	Meanings
	Catalogue number
	<i>In vitro</i> Diagnostic Medical Device
	Manufacturer
	Temperature limitation
	Do not reuse
	Kit content
	Use by
	Batch code
	Consult accompanying documents

CE **Liofilchem s.r.l** Bacteriology ProductsVia Scozia-Zona industriale - 64026 Roseto degli Abruzzi Tel. +39.085.8930745 - Fax +39.085.8930330
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