

SALMONELLA RAPID TEST

Medium for pre-enrichment of salmonellae in foods

TYPICAL FORMULA (g/l)

Tryptone.....	20.0
Peptone.....	10.0
Sodium chloride.....	10.0
Sodium phosphate, monobasic.....	18.0
Sodium phosphate, dibasic.....	2.1
Malachite Green.....	0.8
Final pH 5.6 ± 0.2	

DESCRIPTION

SALMONELLA RAPID TEST is a medium used for pre-enrichment of salmonellae in foods.

PRINCIPLE

Tryptone and peptone are a source of amino acids, nitrogen, minerals and carbon.

Sodium chloride maintains the osmotic balance of the medium. Sodium phosphate, monobasic and dibasic are the buffering agents.

Malachite green is inhibitory to organisms other than salmonellae. The low pH of the medium, combined with the presence of malachite green helps to select for the highly resistant *Salmonella* spp.

PREPARATION

Verify that the content of the bottle is omogenous and clear and if it is the case repeatedly turn the bottle upside down.

SALMONELLA RAPID TEST can be used as it is or aseptically subdivided into smaller parts.

TECHNIQUE

- Transfer 1.0 ml of an homogenized sample to 9 mL of a tube of **SALMONELLA RAPID TEST**.
- Incubate the inoculated **SALMONELLA RAPID TEST** at 36±1°C for 18 hours.

INTERPRETATION OF RESULTS

At the end of incubation, subculture to selective enrichment broths.

STORAGE

10-25°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product must be used only by properly trained operators.

DISPOSAL of WASTE

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

REFERENCES

- *Compendium of methods for the microbiological examination of foods 2nd Ed. (1984), American Public Health Association Inc., Ed. M.L. Speck.*
- *F.D.A. Bacteriological Analytical Manual, 6th Ed. (1984) published by Association of Official Analytical Chemists.*



LIOFILCHEM Bacteriology Products

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PRODUCT SPECIFICATIONS

NAME

SALMONELLA RAPID TEST

PRESENTATION

Code 402360. Glass bottles containing 100 mL of broth.

STORAGE

10-25°C

PACKAGING

Code	Content	Packaging
402360	6 bottles x 100mL	● 6 bottles in cardboard boxes

pH OF THE MEDIUM

5.6 ± 0.2

USE

SALMONELLA RAPID TEST is a medium used for pre-enrichment of salmonellae in foods.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM

Clear medium, green, without precipitates.

SHELF LIFE










2 years

QUALITY CONTROL

1. Control of general characteristics, label and print
2. Sterility control
7 days at 25 ± 1°C, in aerobiosis
7 days at 36 ± 1°C, in aerobiosis
3. 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

Microorganism	ATCC	Growth
<i>Escherichia coli</i>	25922	partially inhibited
<i>Salmonella typhimurium</i>	14028	good

TABLE OF SYMBOLS

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



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