

RiboFlow™ Salmonella



For safer foods

- *Reliable*
- *Simple*
- *Rapid*
- *Safe*
- *Economic*

Award winning
technology



SY-LAB

Safer foods

The Salmonella group includes more than 2000 different serotypes. Salmonella associated infections (Salmonellosis) are among the world most frequently observed bacterial diarrhea.

The Salmonella serovars Salmonella Enteritidis and Salmonella Typhimurium are of major epidemiological importance.

Salmonellas are transmitted mainly through foods of animal origin, which are consumed raw or insufficiently heated.

Meat products, eggs and egg products, milk and dairy products, fish products, shellfish, ice cream, salads, spices and chocolate are among the products, responsible for the transmission of Salmonella to humans.

With Riboflow™ Salmonella SY-LAB provides a rapid and accurate detection system for Salmonella spp. to enable a tight risk assessment and management concerning Salmonella associated food borne diseases.



Your benefits

Reliable

Proven molecularbiological technology
Novel rRNA based highly specific pathogen
detection system

Simple

Simple to perform
No instrumentation necessary

Rapid

Results available in < 24 hrs

Safe

Unsurpassed specificity;
No cross reaction from Enterobacteriaceae
competitors

Economic

No capital costs
Minimal hands on time
Affordable costs

Test procedure

1. Overnight enrichment in One Bouillon Salmonella (Oxoid) at 42°C for 18 – 20 hrs.
2. Optional: additional enrichment in SREB (Salmonella Rapid Enrichment Broth) at 42°C for 4 – 5 hrs
3. Transfer 0,5 ml of the One Bouillon or SREB enrichment to microcentrifuge vials and centrifuge for 5 min at min. 2000 x g.
4. Discard supernatant, add lysis reagent
5. 5 min. extraction step
6. Incubate with denaturation reagent for 5 min., add 100µl running buffer
7. Apply sample to a RiboFlow™ Salmonella test device, incubate at 37°C and read results after 15 minutes



typical results:

Negative test result (L.)

Positive test result (R.)

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Note

- A combined protocol for the use with the BacTrac 4300 impedance analyzer is also available.
- The test can also be performed out of selective enrichment cultures from conventional Salmonella analysis according to ISO 6579
- The test can also be used to confirm suspicious colonies from agar plates within 3 – 5 hrs.



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Ordering information

51-415113	RiboFlow™ Salmonella 24 Tests
41-472100	Oxoid One Bouillon Salmonella, 500g incl. Additiv
41-472017	Salmonella Rapid Enrichment Broth (SREB), box with 60 vials
41-430012+	Screw caps, white, sterile, 40 pcs/ pack

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– We develop solutions for a safer future! –

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