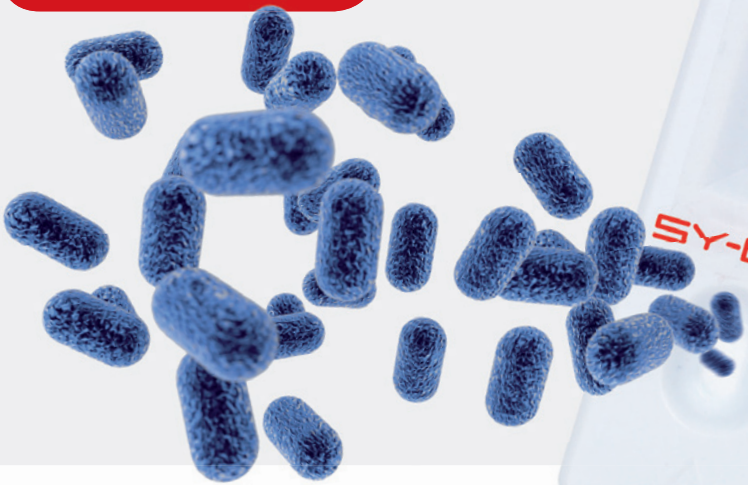
SY-LAB MICROBIOLOGY

RiboFlow®

BIOMOLECULAR

PATHOGEN DETECTION

AWARD WINNING TECHNOLOGY



- Reliable
- Simple
- Rapid
- Safe
- Economic

SY-LAB MICROBIOLOGY

MOLECULAR FLOW BASED **PATHOGEN DETECTION**

SY-LAB´s RiboFlow® technology signals relevant bacterial contamination on-site — early, quickly, and reliably reducing the need for sophisticated sampling and amplification techniques.

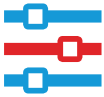
Rapid results are critical when testing for harmful pathogens in foods, toiletries and cosmetics. RiboFlow® technology represents a new, sensitive and user-friendly class of diagnostics:
Molecular Flow-Based Detection. The unique horizontal flow technology allows for the specificity of PCR tests, but with the ease of use associated with lateral flow assays. The result is an effective and rapid system that minimizes sample preparation, speeds time to results, and provides easy to interpret data for the end user.

The RiboFlow® technology is an advance over current diagnostic capabilities, providing molecular results in an easy to use format and without sophisticated sample preparation steps.
NO gels, NO expensive instrumentation, NO inconclusive and difficult to interpret results.

Fast, easier, and more affordable than conventional molecular tests — SY-LAB´s RiboFlow® Technology is the next generation in powerful diagnostic tools helping manufacturers and government regulators to keep the global food and toiletry supply safe.

simple testing

reduced workload



rapid process intervention

YOUR
BENEFITS

- **RELIABLE**
  - proven biomolecular technology
  - novel rRNA based highly specific pathogen detection system
- **SIMPLE**
  - simple to perform
  - no sophisticated instrumentation necessary
- **RAPID**
  - results available in < 30 minutes
- **SAFE**
  - unsurpassed specificity
  - only viable microbes detected
- **ECONOMIC**
  - no capital costs
  - minimal hands on time
  - affordable assay costs
  - stable at ambient temperature

simple documentation

rapid results

earlier product release

TEST
PROCEDURE

1) **CENTRIFUGATION**
(only for liquid enrichments)

2) **LYSIS, DENATURATION AND NEUTRALISATION**
of released nucleic acids

3) **SAMPLE APPLICATION AND INCUBATION**
transfer lysate to a RiboFlow test device
and incubate at 48°C for 15 minutes

4) **RESULT**
visual evaluation and photographic documentation

Fig:
negative test result (l.)
positive test result (r.)

SY-LAB MICROBIOLOGY

AVAILABLE
RiboFlow® TEST SYSTEMS

RiboFlow® – Salmonella
RiboFlow® – Cronobacter
RiboFlow® – Listeria Twin (Listeria spp. and L. monocytogenes combitest)
RiboFlow® – Campylobacter
RiboFlow® – Vibrio parahaemolyticus
RiboFlow® – Staphylococcus aureus
RiboFlow® – Enterobacteriaceae
RiboFlow® – E.coli
RiboFlow® – Pseudomonas aeruginosa
RiboFlow® – Candida albicans
RiboFlow® – Cosmetics

RiboFlow® – P/En (Pseudomonas spp. and Enterobacteriaceae combitest)
RiboFlow® – Ali Twin (Alicyclobacillus acidoterrestris and Alicyclobacillus spp. combitest)

STARTING MATERIAL

- **Enrichment cultures according to product specification**
- **Isolated colonies from (selective-) agar plates**

RiboFlow®
ACCESSORIES

- **Mini-Incubator IL 10**
- **Thermo-Manipulation Plate**
- **Microcentrifuge**

SY-LAB

WE DEVELOP **SOLUTIONS**
FOR A **SAFER FUTURE**

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