RiboFlow[™] Cronobacter



For safer infant formula

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

Medalled echnology



safer infant formula

The genus Cronobacter described in 2008 comprises six species:

- C. sakazakii
- C. malonaticus
- C. muytjensii
- C. dublinensis
- C. turicensis
- C. genomospecies 1

Known as neonatal pathogens, Cronobacter spp. are regarded as causative agents of meningitis, septicaemia or necrotising enterocolitis in infants with a rather high mortality.

Contaminated powdered infant formula has been identified as the most likely vehicle of transmission for Cronobacter spp. associated with hospital outbreaks.

With Riboflow[™] Cronobacter SY-LAB provides a rapid and accurate detection system for Cronobacter spp.

Thus enabling an efficient in-process-control of manufacturing plants as well as a powerful risk assessment and -management with respect to Cronobacter relevant 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 < 30 hours.

Safe

Unsurpassed specificity; Enrichment broth without Laurylsulfate and Crystal Violet. No cross reaction from Enterobacteriacea competitors.

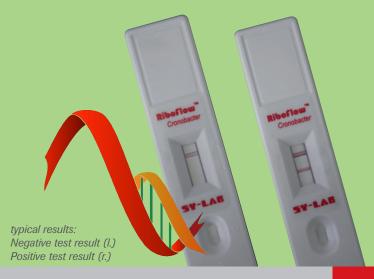
Economic

No capital costs. Minimal hands on time. Affordable rapid assay costs.



test **procedure**

- 1. Standard sample enrichment in Bufferd Peptone Water at 37° C for 16-20 hours.
- 2. Selective enrichment in SY-LAB Cronobacter Enrichment Broth (CEB) at 42° C for 12-20 hours.
- 3. Transfer 0,5 ml of the CEB enrichment to Micro-centrifuge cups and centrifuge for 5 minutes.
- 4. Discard supernatant, add lysis and denaturation reagents.
- 5. 5 min incubation at room temperature followed by addition of 60 μl running buffer.
- 6. Transfer 100 μl to a RiboFlow[™] Cronobacter test device, incubate at 37° C and read results after max. 15 minutes.





Note

A combined protocol for the use with the BacTrac 4300 impedance analyzer is also available.

The test can also be used to confirm suspicious colonies from agar plates within 3-5 hours.





ordering information

51-416113 RiboFlow[™] Cronobacter 24 Tests

41-441450 Cronobacter Enrichment Broth,

60 vials a 9 ml incl. Vancomycin

41-430012+ Screw caps, white, sterile 40 pcs/pack.



- We develop solutions for a safer future! -

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