



# GENE-UP® *Cronobacter spp*

Milk- & Soy-based Powdered Infant Formula, Infant cereals

## 1 DETECTION

### WITHOUT PROBIOTICS

25 g or 25 mL  
in 225 mL BPW  
18-26 h at 37°C

### WITH PROBIOTICS

25 g or 25 mL  
in 225 mL BPW  
novobiocin (10 mg/L)  
18-26 h at 37°C

### WITH or WITHOUT PROBIOTICS

50 g/mL to 375 g/mL  
in 1875 mL BPW  
novobiocin (10 mg/L)  
20-28 h at 37°C



20 µL



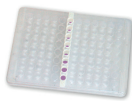
Transfer to  
Lysis tubes



Lysis  
5 min  
2200 rpm

2-8°C

10 µL



1. Tap PCR Tubes  
2. Remove Caps  
3. Visual check  
4. Transfer lysed samples  
5. Seal optical caps



Spin down 10 sec



<1 h run

72 h



CONFIRMATION

## 2 CONFIRMATION



Enriched sample 10 µL



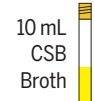
ESIA™ agar or CCI agar  
24±2 h at 41,5°C ± 1



API® strip ID32E or 20E



100 µL



10 mL  
CSB  
Broth  
24±2 h at 41,5°C ± 1



ESIA™ agar or CCI agar  
24±2 h at 41,5°C ± 1



API® strip ID32E or 20E



### Cronobacter spp range

421920  
GENE-UP® Cronobacter (CRO)  
192 Unit Dose Tests  
414057  
GENE-UP® Lysis Kit  
192 Tests  
42043  
Buffer Peptone Water (BPW) broth  
6 x 225 ml  
421569  
CSB Broth  
100 Tubes  
42042  
Buffer Peptone Water (BPW) broth  
6 x 90 ml  
42729  
Buffer Peptone Water (BPW) broth  
6 x 225 ml mini-bag  
AEB910303/4  
Buffer Peptone Water (BPW) broth  
4 x 3 liters  
AEB910305/2  
Buffer Peptone Water (BPW) broth  
2 x 5 liters  
AEB184150/10  
Novobiocin 10 plates  
AEB520010  
ESIA™ 20 plates  
421580  
CCI 20 plates  
32700  
API® ID32E 25 strips  
20100 or 20160  
API® 20E 25 / 100 strips  
417425  
Fast Crono 160 tests



# GENE-UP<sup>®</sup> *Cronobacter spp*

General Protocol  
Environment Including Surfaces

## 1

## DETECTION

## 2

## CONFIRMATION

25 g or 25 ml  
in 225 ml BPW

18-26 h at 37°C



20 µL

10 ml for a swab,  
90 ml for a sampling pad  
100 ml for a sponge  
225 ml for cloth



Transfer to  
Lysis tubes



Lysis  
5 min  
2200 rpm

2-8°C

10 µL



1. Tap PCR Tubes  
2. Remove Caps  
3. Visual check  
4. Transfer lysed samples  
5. Seal optical caps



Spin down 10 sec



<1 h run

72 h



CONFIRMATION



Enriched sample 10 µL



ESIA<sup>™</sup> agar or CCI agar  
24±2 h at 41,5°C ± 1



API<sup>®</sup> strip ID32E or 20E



100 µL



24±2 h at 41,5°C ± 1



ESIA<sup>™</sup> agar or CCI agar  
24±2 h at 41,5°C ± 1



API<sup>®</sup> strip ID32E or 20E



### Cronobacter spp range

- 421920
- GENE-UP<sup>®</sup> Cronobacter (CRO)
- 192 Unit Dose Tests
- 414057
- GENE-UP<sup>®</sup> Lysis Kit
- 192 Tests
- 42043
- Buffer Peptone Water (BPW) broth
- 6 x 225 ml
- 421569
- CSB Broth
- 100 Tubes
- 42042
- Buffer Peptone Water (BPW) broth
- 6 x 90 ml
- 42729
- Buffer Peptone Water (BPW) broth
- 6 x 225 ml mini-bag
- AEB910303/4
- Buffer Peptone Water (BPW) broth
- 4 x 3 liters
- AEB910305/2
- Buffer Peptone Water (BPW) broth
- 2 x 5 liters
- AEB184150/10
- Novobiocin 10 plates
- AEB520010
- ESIA<sup>™</sup> 20 plates
- 421580
- CCI 20 plates
- 32700
- API<sup>®</sup> ID32E 25 strips
- 20100 or 20160
- API<sup>®</sup> 20E 25 / 100 strips
- 417425
- Fast Crono 160 tests

Always consult the latest package insert available from our technical library. Contact your local representative for more details.