MICROGEN BIOPRODUCTS

Microgen[®] Bacillus-ID

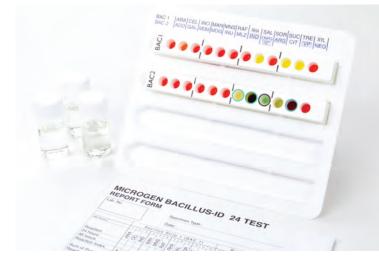
An identification system for mesophilic Bacillus species and related genera associated with food poisoning and food spoilage.

- Simple and easy-to-use 24 reaction system
- Results in 48 hours
- Results interpreted using Microgen® ID system software

Microgen[®] Bacillus-ID has been developed for the identification of mesophilic *Bacillus* spp. and related genera isolated from food, food ingredients and beverages either as food spoilage or food poisoning organisms.

B. cereus and, to a lesser extent, *B. licheniformis* are well known as causative agents of food poisoning. Numerous other species, and related genera including *B. pumilus, B. thuringiensis, B. brevis, B. mycoides,*

Simple 24 reaction format Easy to use Results interpreted using Microgen-ID system software



Paenibacillus alvei, B. circulans and B. sphaericus, have also been reported as causing food poisoning.

The identification of these species has been difficult due to a combination of factors including:

- Confusion over the taxonomy of *Bacillus* spp.
- Variable performance in conventional biochemical test media
- Extensive range of conventional biochemical media required
- Reliance on microscopic endospore morphology

Microgen[®] Bacillus-ID overcomes all of these problems with a simple, user friendly identification system presented in a convenient microwell format.

www.microgenbioproducts.com

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Microgen[®] Bacillus-ID

Mesophilic Bacillus spp. identified by the test:

B. cereus group (includes *B. cereus*, *B. thuringiensis*, *B. mycoides and B. weihenstephanensis*).

Bacillus species

- B. amyloliquefaciens
- B. badius
- B. circulans
- B. coagulans
- B. firmus
- B. freudenreichii
- B. globisporus
- B. insolitus
- B. laevolacticus
- B. lentus
- B. licheniformis
- B. megaterium
- B. pumilus
- B. sphaericus
- B. subtilis
- B. thiaminolyticus

Related species

Brevibacillus species

- Br. brevis
- Br. laterosporus

Paenibacillus species

- P. alvei
- P. macerans
- P. polymyxa

Virgibacillus species

• V. pantothenticus

Additional reagents available:

- MID61A Nitrate A reagent
- MID61B Nitrate B reagent
- MID61C VP I reagent
- MID61D VP II reagent
- MID61E TDA reagent
- MID61F Indole Kovacs reagent
- MID61G Oxidase strips
- MID61H Mineral oil
- MID61K PYR reagent

Ordering Information:

Code	Description	Size	Storage
MID-66	Microgen [®] Bacillus-ID	20 tests	2 - 8°C

If you need any further information on any of the above tests please contact Microgen Bioproducts Ltd.

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Microgen Bioproducts Ltd, 1 Admiralty Way, Camberley, Surrey GU15 3DT, United Kingdom T: +44 (0)1276 600 081 F: +44 (0)1276 600 151 E: sales.camberley@lab21.com www.microgenbioproducts.com

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DT, United Kingdom