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, 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.

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

www.microgenbioproducts.com
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. badus
• 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:

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<tr>
<th>Code</th>
<th>Description</th>
<th>Size</th>
<th>Storage</th>
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<tbody>
<tr>
<td>MID-66</td>
<td>Microgen® Bacillus-ID</td>
<td>20 tests</td>
<td>2 - 8°C</td>
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If you need any further information on any of the above tests please contact Microgen Bioproducts Ltd.