STRONG Outside, STRONG Inside
bioMérieux continues its commitment to providing innovative solutions, by combining a revolutionary plastic bottle with quality, time-tested media to meet your laboratory requirements in:

**SAFETY • PERFORMANCE • COST EFFICIENCY**

**BacT/ALERT® Blood Culture Media** brings the most advanced, innovative automated microbial growth and detection technology to your laboratory. Our comprehensive range of media bottles ensures the recovery of a wide variety of microorganisms including fungi, yeasts and mycobacteria.

Enhanced safety

- First to offer revolutionary multilayer plastic bottles made of **innovative polycarbonate** material, produced by sophisticated manufacturing processes.
- Bottles are **unbreakable**, eliminating accidental spills, potential biohazard exposure and glass cuts.
- New bottles can be used in **pneumatic transport systems** without the need of dedicated (protective) transport containers.

Proven performance

- **The proven power of colorimetric technology**
  - Accurately detects and rapidly recovers microorganisms from blood, sterile body fluids, and sputum.
  - Detects 98% of isolates within 72 hours (1, 7).
  - Sophisticated algorithms, including a unique “threshold” algorithm, ensure early detection of microorganisms, even in the event of delayed entry (2, 11, 14).

- **Superior standard media recovery**
  - BacT/ALERT SA recovers more yeasts and *Staphylococci* than fluorescent standard media (3).

- **Even better FAN® media performance**
  - Activated charcoal formulation provides enhanced recovery, especially from patients on antimicrobial therapy (6, 9).
  - FAN aerobic is comparable to dedicated fungal culture bottle for detection of fungemia (4, 12).
  - FAN has a broad range of absorption capabilities, including antibiotics, lysozyme, gamma globulins, transferrin, and a range of anti-neoplastic agents (13).

- **Pediatric FAN : BacT/ALERT® PF**
  - Activated charcoal formulation provides greater recovery (8, 10).
  - Detects 95% of critical pediatric pathogens within 24 hours (5).

* *under normal conditions of use.*
Cost efficient

- New polycarbonate BacT/ALERT bottles weigh 30% less than glass BacT/ALERT bottles and about 50% of other blood culture bottles, significantly lowering shipping and disposal costs.
- Unbreakable bottles eliminate costs and down-time associated with cleaning spills.
- Superior performance of the BacT/ALERT FA bottle eliminates the need for a routine dedicated fungal bottle.

### BacT/ALERT® Culture Media Selection Guide

<table>
<thead>
<tr>
<th>Bottle Type</th>
<th>Media Formulation / Specimen Type</th>
<th>Specimen Volume</th>
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</thead>
<tbody>
<tr>
<td><strong>BacT/ALERT SA</strong></td>
<td>40 ml supplemented tryptic soy broth (TSB)</td>
<td>Up to 10 ml</td>
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<tr>
<td>Standard Aerobic - Ref. 259789</td>
<td>Blood or normally sterile body fluid (SBF)</td>
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<tr>
<td><strong>BacT/ALERT SN</strong></td>
<td>40 ml TSB</td>
<td>Up to 10 ml</td>
</tr>
<tr>
<td>Standard Anaerobic - Ref. 259790</td>
<td>Blood or SBF</td>
<td></td>
</tr>
<tr>
<td><strong>BacT/ALERT FA</strong></td>
<td>30 ml peptone-enriched TSB, supplemented with Brain Heart Infusion (BHI) solids and activated charcoal / Blood or SBF</td>
<td>Up to 10 ml</td>
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<tr>
<td>FAN® Aerobic - Ref. 259791</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BacT/ALERT FN</strong></td>
<td>40 ml peptone-enriched TSB, supplemented with BHI solids and activated charcoal / Blood or SBF</td>
<td>Up to 10 ml</td>
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<tr>
<td>FAN® Anaerobic - Ref. 259793</td>
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<tr>
<td><strong>BacT/ALERT PF</strong></td>
<td>20 ml peptone-enriched TSB, supplemented with BHI solids and activated charcoal / Blood</td>
<td>Up to 4 ml</td>
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<td>Pediatric FAN® - Ref. 259794</td>
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<tr>
<td><strong>BacT/ALERT MP</strong></td>
<td>10 ml supplemented Middlebrook 7H9 broth. Use with ref. 259760</td>
<td>0.5 ml</td>
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<tr>
<td>Mycobacteria Process - Ref. 259797</td>
<td>Processed specimen or SBF other than blood.</td>
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References


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