Count-Tact™ and Trypcase Soy Agar With Beta-lactamase
Highlight your specific bioburden
“Media (for environmental monitoring) may be supplemented with additives to overcome or to minimize the effects of sanitizing agents or antibiotics if used or processed in these environments (USP 1116).”

In order to detect highly stressed micro-organisms in antibiotic manufacturing facilities, bioMérieux has developed a dedicated range of products with the following features.
Growth Performance

<table>
<thead>
<tr>
<th>Gram + isolates</th>
<th>Gram - isolates</th>
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<tbody>
<tr>
<td>ß-Lactamase</td>
<td>Gold standard</td>
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<tr>
<td>3P irr. media</td>
<td>Non-irradiated TSA</td>
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</tbody>
</table>

Broad range detection
Outstanding growth performances for both Gram-positive and Gram-negative bacteria validated on clean rooms isolates.

Strong neutralisation of antiseptic residues
Neutralisation of the main antiseptics family validated batch per batch upon manufacturing.

Scientifically proven Beta-lactamase activity
The neutralisation of antibiotic residues has been validated on 24 different drugs using 5 sensitive strains, bioMérieux’s Beta-lactamase 3P media are efficient on the entire range of Beta-lactams, from classical Penicillin to newest 3rd generation Cephalosporin.

- Cefaclor
- Cefadroxil
- Cefalexin
- Cefazolin
- Cefadrin
- Cefoxitin
- Cefuroxim

- Cefepim
- Cefotaxim
- Cefpiron
- Cefsulodin
- Ceftazidin
- Ceftazidin
- Ceftriaxon
- Cefixin

- Other Beta-lactams
  - Moxalactam
  - Aztreonam
  - Imipenem
  - Meropenem

Growth of 5 Pharmacopoeia strains on 4 media in presence or absence of various antibiotics

Validations performed during the development of these products highlight the superior performances of the bioMérieux 3P product compared to the traditional media with Beta-lactamase.
Product references

**Beta-lactamase Media**

- ref. 43288 Count-Tact™ 3P irradiated agar with β-lactamase.
- ref. 43287 Trypcase soy 3P irradiated agar with neutralizers and β-lactamase.

**Environmental Monitoring Range**

- ref 96 302 air IDEAL® 3P: air sampler equipped with 90 mm diameter sampling grids.
- ref 96 303 air IDEAL 3P: air sampler equipped with 65/70 mm diameter sampling grids.
- ref 96 301 Bi-Box™, 10 double-wrapped irradiated cases for Count-Tact plates.
- ref 96 311 Bi-Box 90, 10 double-wrapped irradiated cases for 90 mm Petri plates.
- ref 96 300 Count-Tact™ plate applicator.