

BacTrac 4000

Series

BiMedia 404A

for detection of *Listeria monocytogenes* / *Listeria sp.*

Version 01/15

Components of BiMedia 404A (41-472200)

- 1 x ONE Broth-Listeria Base (500 g, for approx. 12 l)
- 24 x ONE Broth Listeria Selective Supplement (for 12 l) **+2..+8 °C**

Instructions for preparation of medium

- For each sample, approx. 250 ml of medium are required (225 ml for pre-enrichment and 1-2 x 9 ml for enrichment / BacTrac analysis).
- For 500 ml medium, suspend 22 g of ONE Broth-Listeria Base (Oxoid, CM1066) in demineralized water (conc. = 44 g / l) and mix well.
- Sterilize by autoclaving at +121 °C for 15 minutes and cool to below +50 °C.

Note: The medium can also be dispensed and autoclaved in non-sterile containers/tubes in the required volumes. It can also be dispensed in the required volumes into sterile containers (tubes, BacTrac measuring cells) after autoclaving. However, in this case the reconstituted Selective Supplement (see below) has to be added to the individual containers.

- For 500 ml of medium, reconstitute the entire contents of 1 vial of ONE Broth-Listeria Selective Supplement (Oxoid, SR0234E) in 2 ml of sterile demineralized water and add to the medium. Mix well.

Note: If the medium without supplement has been already dispensed in containers in the required volumes, the reconstituted supplement is added to the medium to a concentration of 4 µl supplement per ml before use of the medium.

- Use medium for pre-enrichment and enrichment / BacTrac analysis as described in the BacTrac application note(s) for *Listeria* (available for download on our website) or in the manual for RiboFlow® *Listeria Twin* Detection Kit.

The prepared medium (+ supplement) can be stored up to 48 hrs at +2..+8 °C.