

## TECHNICAL DATA SHEET

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### CRYOINSTANT: Porous beads for microbiological culture preservation

codes 409113/1, 409113/2, 409113/3, 409113/4, 409113/5, 409113/6

code	cap and pearls colour	case quantity	case weight	case volume
409113/1	white / transparent	100	0.59	0.002
409113/2	white	100	0.59	0.002
409113/3	yellow	100	0.59	0.002
409113/4	red	100	0.59	0.002
409113/5	green	100	0.59	0.002
409113/6	assortment: 5 colors x 20 cryovials	100	0.59	0.002

### DESCRIPTION

Preservation system for storing microbiological culture, consisting of 2 ml sterile cryovials containing 25 porous beads and cryopreservative-added broth.

It allows to:

- Get a perfect long term freezing storage system.
- Obtain up to 25 replicates from the original microorganism.
- Ease the recovery of the stored strain streaking an inoculated bead directly onto solid media.
- Prevent changes and repetitive thawing / freezing of the rest of beads.
- Avoid the growth of ice when recovering.
- Improve recovery rates of frozen cultures by adding cryopreservative to broth.
- Minimize the risk of cross contamination.
- Save space in the freezers when storing.



REALISED	VERIFIED	AUTHORISED
Soti Khiev Marketing Department	Anna Mir Technical, Development, Quality and Environment Director	Mónica Torras Sales & Marketing Director

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### COMPONENTS

Cryovial: external thread cryovials are made of polypropylene. Their caps embody a silicone washer to ensure a positive leakproof seal. Tubes and caps withstand up to -190°C.

In order to ease the classification of the samples, we offer the possibility to get cryovials with caps and beads in five different colors: every code displays caps and beads from a single and same colour (except code 409113/6, which is an assortment), providing a system whereby users are able to identify and code different bacterial species, different samples, different laboratories, ... And even more: with color coded inserts a further classification can be made.

Carton boxes: Cryovials are presented in carton boxes (resistant to -100°C; **dimensions: 150x150x55 mm**) with 100 units.  
Each box is supplied plastic-wrapped and labeled with code reference, batch, expiry date and specifying the color of the caps and beads.

**Sterile by autoclave.**

### PRESERVATION:

Low exigent microorganisms (like enterobacteriaceae, staphylococcus or enterococcus) may be safely stored for three years, although it is recommended to establish annual supervision of its conservation degree, and also annual renewal of the cryovials.

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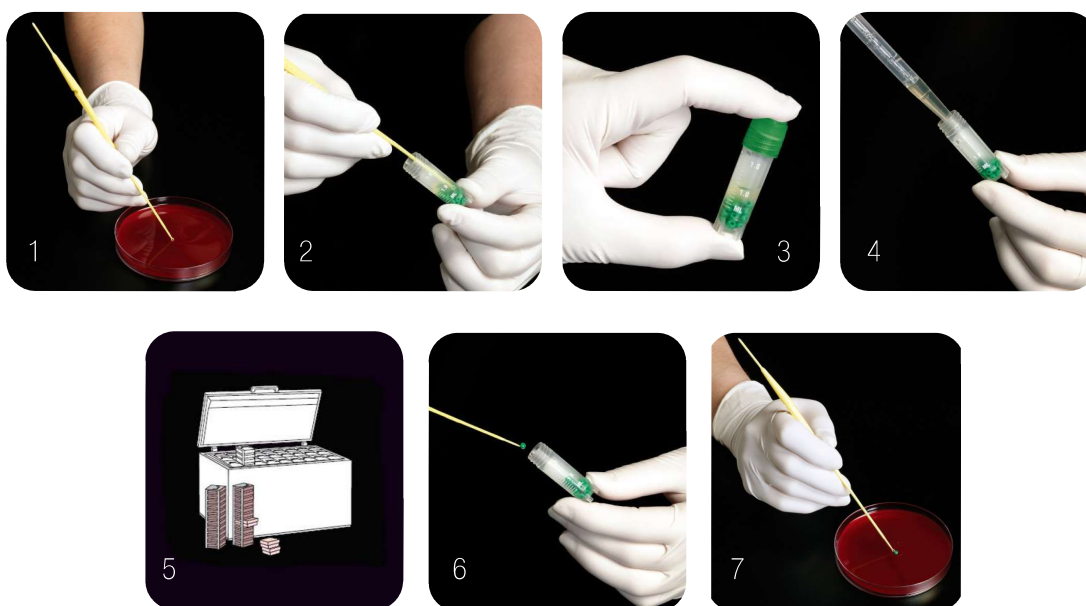
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#### INSTRUCTIONS OF USE:

1. Take the sample from the strain with a loop.
2. Inoculate the cryovial by putting the loop in contact with the broth.
3. Close the cryovial and shake it gently in order to permeate the strain into the beads.
4. Extract the cryopreservative-added broth with a Pasteur pipette.
5. Close the cryovial and place it into the freezer (At -25°C, -30°, -35°C or at -70°C to obtain better results at long term).
6. Take a bead with a loop or tweezers every time a strain is needed for culture.
7. Place the bead in a liquid medium or in a plate with solid culture medium, trying to put all the surface of the bead in contact with the medium.



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