

## CRYOINSTANT: Cryoplates for the conservation of microbiological strains

Sterile system for the conservation of microbiological strains (for example, fungi in sporulation phase), consisting of a 2 ml cryovial with a skirt, containing 25 glass cryoprobes treated with cryoprotectants that act as a preservative.

Thanks to this system we can:

- Have a **perfect medium of conservation**
- Obtain up to **25 replicas** of the same microbial generation to use progressively for years
- Facilitate the inoculation of the bacteriological medium, since each pearl is equivalent to a culture
- Avoid the defrosting of the entire vial every time we extract a pearl
- Avoid the formation of ice crystals in recovery
- **Minimize the risk of cross contamination**
- **Save freezer space**

### COMPONENTS

The cryovial is made of polypropylene and is externally threaded. Resists up to **-190 °C**. Long skirt cap, with silicone gasket To facilitate the classification of samples, our cryovials are offered with caps and pearls in five different colors (except code 409113/6, which is an assortment).

This system allows rapid identification of the sample, differentiating each type of microorganism according to the colour of the cap and the pearl. The cryovials are presented in a rack of 100 units, made of cardboard resistant to **-100 °C**. Each box is supplied labeled with indication of code, batch, expiration, cap colour, and shrink wrapped.

**Rack dimensions:** 150 x 150 x 55mm. (More information about these boxes on page 214. See code M-600).

**Expiration:** 48 months from the date of manufacture. **Sterile by autoclave.**

### HOW TO USE

1. Take the strain sample using a loop (see our loops on page 38 and 39).
2. Inoculate the vial by inserting the loop into the preservative medium.
3. Close the vial and shake it gently so that the strain is impregnated in the cryoplates.
4. Extract the remaining preservative medium using a Pasteur pipette (see our Pasteur pipettes on pages 198-203).
5. Close the cryovial and freeze.
6. Every time we want to reproduce the strain, we will extract one of the cryoplates with a loop or a clamp.
7. We will place the cryoplate on a plate with medium, ensuring that the entire surface of the pearl enters in contact with the medium.

code	cap and pearls colour	case quantity	case weight	case volume
409113/1	○	100	0.59	0.002
409113/2	●	100	0.59	0.002
409113/3	●	100	0.59	0.002
409113/4	●	100	0.59	0.002
409113/5	●	100	0.59	0.002
409113/6	assorted: 5 colours x 20 cryovials	100	0.59	0.002

