

FACTSHEET **CRYOPRESERVATION MEDIA**



BIOSOLUTIONS BY **PAN**TM
/ MEDIA / REAGENTS / BUFFER



CRYOPAN PRODUCTS OVERVIEW



The use of specialized cryopreservation media is essential for protecting cells during freezing and thawing – both in laboratory settings and industrial-scale processes.

CHOOSING THE RIGHT CRYOPAN – PRODUCT COMPARISON

Cryopan I

**Serum-free
Freezing Medium,
with 10 % DMSO**



Product No.:
P07-92500
P07-92100
P07-92050
P07-92010



→ [DIRECT LINK](#)

- Serum-free
- Contains animal-derived components
- Contains 10 % DMSO

Cryopan II

**Chemically Defined
Freezing Medium,
with 10 % DMSO**



Product No.:
P07-93500
P07-93100
P07-93050
P07-93010



→ [DIRECT LINK](#)

- Serum-free
- Protein-free
- Free of human or animal-derived components
- Contains 10 % DMSO

Cryopan III

**Chemically Defined
Freezing Medium,
without DMSO**



Product No.:
P07-96500
P07-96100
P07-96050
P07-96010



→ [DIRECT LINK](#)

- Serum-free
- Free of human or animal-derived components
- Without DMSO

KEY FEATURES

VERSATILITY:

Cryopan I is a versatile solution for the cryopreservation of human and animal cells, including both adherent and suspension cultures. The formulation is also suitable for freezing sensitive primary cells.

COMPOSITION:

An optimized mixture of salts, sugars, 10 % DMSO and advanced cryoprotective agents ensure reliable cell protection and high viability during cryopreservation.

SPECIAL ADVANTAGES:

Due to its serum-free formulation, it is particularly well-suited for preserving cells cultured without serum. The formulation ensures high post-thaw viability.

KEY FEATURES

VERSATILITY:

Suitable for freezing both adherent and suspension cells, Cryopan II can be used for various culture conditions and cell types as well as primary cells.

COMPOSITION:

A chemically defined formulation of salts, sugar, 10 % DMSO, and additional antifreeze-substances, free of animal or human components.

SPECIAL ADVANTAGES:

Its serum-free formulation is particularly well-suited for preserving serum-free cultured cells. The optimized composition guarantees high cell viability post-thawing, without the need for animal-derived components.

KEY FEATURES

VERSATILITY:

Cryopan III is suitable for preserving both adherent and suspension cells. It is ideal for the long-term storage of established cell lines, primary cells and tissue samples such as umbilical cord tissue.

COMPOSITION:

A chemically defined and optimized mixture of salts, sugar and additional antifreeze-substances. It contains no animal or human components and is free of DMSO.

SPECIAL ADVANTAGES:

The formulation without DMSO is particularly well-suited for primary cells and other applications in which the cytotoxic side-effects associated with DMSO are not desired. The adapted formulation effectively compensates for the absence of DMSO and animal-derived components, while maintaining high cell viability after thawing.