

Technical Data Sheet



Freezing bag, CryoPAC series

Strict Compliance to Applicable Quality Regulations

- Our quality management process ensures quality every step of the way.
- Mandatory quality checks are carried out at every stage of production as part of a Total Quality Management system.
- For every product, we have quality control plans, operating instructions and testing guidelines to ensure the consistent and high quality.
- Complete batch traceability.

Product Description

The CryoPAC Freezing Bags are designed, produced and verified for a single cycle of freezing, cryogenic storage (down to -196°C) and thawing (at $+37^{\circ}\text{C}$) of biological products.

Each CryoPAC freezing bag is supplied with an overwrap bag, a set of integrated filling assembly and various of connection ports. The freezing bag main body and its overwrap bag are made of EVA, which has been proved to be durable for long term cryogenic preservation in liquid nitrogen.

Various sizes with different nominal volumes are available: 25ml, 50ml, 250ml, 500ml & 750ml. Recommended filling volume from 5ml to 190ml.

Sterile

Each CryoPAC freezing bag, including corresponding overwrap bag, is individually packed and sterilized by electron-beam irradiation. The outer packaging can be disinfected for easy cleanroom handling. This helps to maintain a sterile workflow from cell collection to storage and subsequent thawing.

Validation

Extensive validation testing was conducted to guarantee safety of CryoPAC freezing bags, such as: Irradiation sterilization, physics and chemistry, biocompatibility, extractables, repeated freezing and thawing, transportation, etc.

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Construction

Each CryoPAC freezing bag is supplied with overwrap bag, tubing assembly and various ports for safety and convenient handling.

- 1) Freezing bag main body
- 2) Overwrap bag
- 3) EVA tubing
- 4) Tubing assembly
- 5) Secure spike ports
- 6) Label pouch
- 7) Hanger hole



Specification

Catalog. No.	Product	Dimension (W x L)	Nonimal Volume	Recommended Fill Volume	Package pcs/carton
5411000	CryoPAC 025B	120 x 100 mm	25 ml	5 ~ 10 ml	24
5412000	CryoPAC 050B	120 x 130 mm	50 ml	10 ~ 20 ml	24
5414000	CryoPAC 250B	120 x 185 mm	250 ml	30 ~ 70 ml	24
5415000	CryoPAC 500B	120 x 235 mm	500 ml	55 ~ 100 ml	24
5416000	CryoPAC 750B	120 x 265 mm	750 ml	80 ~ 190 ml	24