

uf ultra-freeze ultra-freeze plus

The ultra-freeze plus is a revolutionary, product that will render the use of dry ice redundant for the transport of biological substances and other samples.

SPECIFICATIONS

Carton dimensions:

W500xL500xH500mm

bio-bottle dimensions:

Capacity: 3.0L

Height: 245mm

Diameter: 150mm

Opening: 110mm



TESTED AND CERTIFIED FOR PACKING INSTRUCTIONS 620 & 650



PHASE CHANGE

Through the use of our patent pending phase change technology the ultra-freeze plus will maintain a temperature range below 0°C for 168+ hours. See below to view performance.



BIO-BOTTLE

Manufactured using High Density Polyethylene the bio-bottle ensures safe shipment of non-hazardous materials, biological substances and infectious substances.



PACKAGING

The ultra-freeze plus packaging includes a High Density Extruded Polystyrene inner providing a lightweight but strong addition to increase insulation for long distances.

Tested and certified for Packing Instructions 620 and 650 under the IATA Dangerous Goods Regulations.

A must have product to ensure your valuable shipments are compliant to the IATA Dangerous Goods Regulations.



Scan the QR Code to view this product on our website.

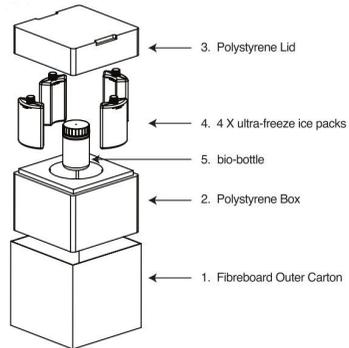
Instructions

1. Remove the 4 x ultra-freeze plus ice packs and shake for 15 seconds
2. Place into freezer (minimum -20°C) for a period of at least 48 hours
3. Once phase change solution contained within ice packs is frozen solid remove the Blue bio-bottle and retrieve the bubble bag contained within
4. Wrap the sample(s) inside the bubble bag ensuring that the bag is sealed
5. Place the bubble bag inside the Blue bio-bottle
6. Screw the lid of the Blue bio-bottle on firmly
7. Place the Blue bio-bottle inside the Polystyrene box in the center
8. Retrieve the ice packs from the freezer and place around the Blue bio-bottle in a circular shape
9. Close the Polystyrene box using the lid supplied
10. Close the cardboard carton in numbered order (1-4) and tape closed

uf ultra-freeze

1. Fiberboard Outer Carton
2. Polystyrene Box
3. Polystyrene Lid
4. 4 X ultra-freeze ice packs
5. bio-bottle
6. Twin Label *
7. Bubble Bag *
8. Absorbent Material *

*All contained within 5. bio-bottle.



Temperature of sample inside ultra-freeze plus temperature control packaging vs dry ice packaging over the course of 160 hours

