

**DEBAMED® Ultra-Freeze**  
*Ultra-Freeze for transporting samples  
of biological substances.*

**DEBATIN®**  
SAFE. PERFECT. PACKED.



**L.E.S.S. FRANCE**



► **DEBAMED® Ultra-Freeze** is a kit consisting of secondary packaging (a container) and outer packaging (a box). It is suitable for transporting samples of category A and B biological substances, including under temperature-controlled conditions and for journeys of long duration. Because the product does not use dry ice for the cooling process, it is not classified as hazardous for aviation purposes. This helps to cut costs considerably.

## Product information

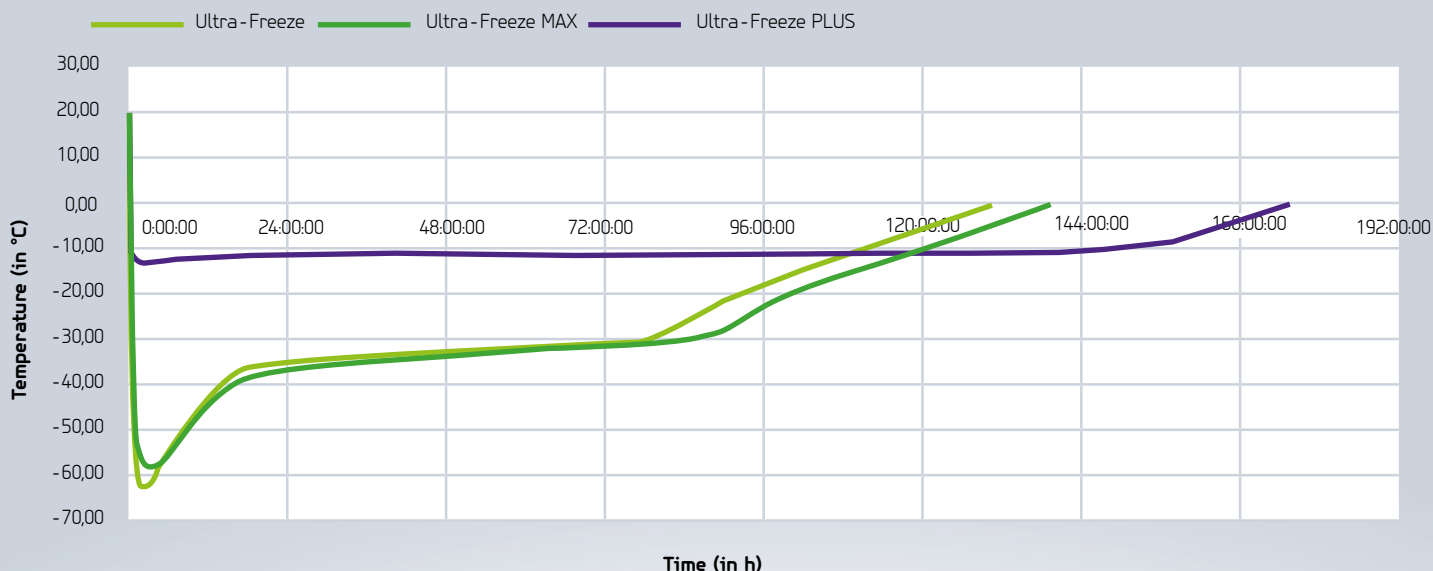
## Description

Product characteristics	<ul style="list-style-type: none"> <li>• Outer packaging consists of a cardboard box with integrated closure system</li> <li>• Sturdy, waterproof container made of rigid plastic, can withstand internal pressure of 95 kPa / 14 psi</li> <li>• Air-bubble bag with adhesive closure for guaranteed shock resistance</li> <li>• Absorbent material</li> <li>• The kit includes two labels – for class 6.2 infectious substances and for UN3373 infectious substances; these can be attached as appropriate to the outer packaging</li> </ul>
Standard range	<p><b>Ultra-Freeze – 3 l</b></p> <ul style="list-style-type: none"> <li>• Item no.: 819H0000003</li> <li>• Dimensions of outer packaging: 500 x 500 x 500 mm</li> <li>• Dimensions of secondary packaging: Height: 245 mm Diameter: 150 mm Opening: 110 mm</li> <li>• Weight of container: 0.38 kg</li> <li>• Total weight: 14.4 kg</li> <li>• Temperature range: -80 °C to -20 °C for a duration of 72 h, below 0 °C for more than 100 h.</li> </ul> <p><b>Ultra-Freeze MAX – 1 l</b></p> <ul style="list-style-type: none"> <li>• Item no.: 819H0000004</li> <li>• Dimensions of outer packaging: 500 x 500 x 500 mm</li> <li>• Dimensions of secondary packaging: Height: 245 mm Diameter: 150 mm Opening: 110 mm, decreasing to 75 mm (usable size)</li> <li>• Weight of container: 2.04 kg</li> <li>• Total weight: 16.06 kg</li> <li>• Temperature range: -80 °C to -20 °C for a duration of 96 h, below 0 °C for more than 120 h.</li> </ul> <p><b>Ultra-Freeze PLUS – 3 l</b></p> <ul style="list-style-type: none"> <li>• Item no.: 819H0000005</li> <li>• Dimensions of outer packaging: 500 x 500 x 500 mm</li> <li>• Dimensions of secondary packaging: Height: 245 mm Diameter: 150 mm Opening: 110 mm</li> <li>• Weight of container: 0.38 kg</li> <li>• Total weight: 14.4 kg</li> <li>• Temperature range: below 0 °C for more than 168 h.</li> </ul>
Print on standard range	<ul style="list-style-type: none"> <li>• "4GU" = cardboard packaging code</li> <li>• "CLASS 6.2" = infectious substance class 6.2</li> <li>• "20" = year of production, e.g., "20" for 2020</li> <li>• "NZ" = country code (New Zealand)</li> <li>• "CAA" = certifying organisation code (Civil Aviation Authority)</li> <li>• "43582-28" = number of the test report</li> </ul>
Closure / opening	<ul style="list-style-type: none"> <li>• Waterproof lid</li> <li>• Container is easy to open and close</li> </ul>
Country of origin	<ul style="list-style-type: none"> <li>• New Zealand</li> </ul>

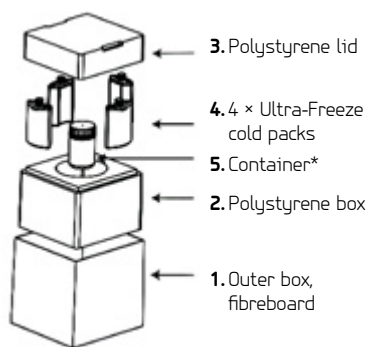
# DEBAMED® Ultra-Freeze

Ultra-Freeze for transporting samples of biological substances.

## Temperature progression Ultra-Freeze



### Structure:



\*Contains an air-bubble bag and absorbent material

### Instructions for use:

1. Remove the four Ultra-Freeze cold packs and shake them for 15 seconds.
2. Place them in a deep freeze (at least -60 °C) for at least 24 h.
3. Once the cold packs have been frozen for a sufficient amount of time, take the container out of the box and remove the air-bubble bag inside.
4. Wrap the probe(s) in the air-bubble bag and close it carefully.
5. Place the air-bubble bag containing the probe(s) back in the container.
6. Screw the lid tightly onto the container.
7. Place the container in the centre of the polystyrene box.
8. Take the cold packs out the deep freeze and position them in a circle around the container.
9. Close the polystyrene box using the lid supplied.
10. Close the outer box following the prescribed sequence (1 to 4) and seal it with adhesive tape.