



Cryogenic shipping from UPS

End-to-end protection featuring a $<-150^{\circ}\text{C}$, ten-day-plus hold time
Introducing UPS Temperature True[®] Cryo, powered by CryoportSM.



Provide reliable protection with UPS's cryogenic shipping solution

Transporting biological materials requires expertise to ensure these fragile, valuable products are not compromised. Viability and yield are paramount.

When your critical biologics are on the move, there's a lot on the line. So trust UPS Temperature True[®] Cryo, powered by CryoportSM, to provide a cost-effective shipping solution with end-to-end protection from UPS.

The Temperature True Cryo liquid-nitrogen-charged, dry-vapor shipping containers are spill-proof and internationally approved for airline shipping. Plus, they routinely travel on UPS's reliable network, so you'll always know that your valuable shipments are in safe hands.

With 24/7 monitoring throughout provided by the network of UPS[®] "control towers", you can be confident your shipments are watched over every step of the way.



Protecting your materials

UPS Temperature True Cryo offers:

Protection: Validated to maintain temperatures below -150°C for 10 days or more

Safety: Non-hazardous containers

Acceptability: Fully meets IATA requirements for non-infectious materials

Sustainability: Sanitized and recycled after every shipment

Simplicity: Containers are pre-charged to provide dry, vapor-phase shipping

Completeness: Protective shipping carton and shipping documentation integrated with all models. Data-loggers and sample kits also available

Compliance: Cloud-based “Cryoportal” can store shipment and temperature records for later retrieval

Monitoring movement

UPS Temperature True Cryo includes 24/7 proactive monitoring, provided by UPS Proactive Response®.

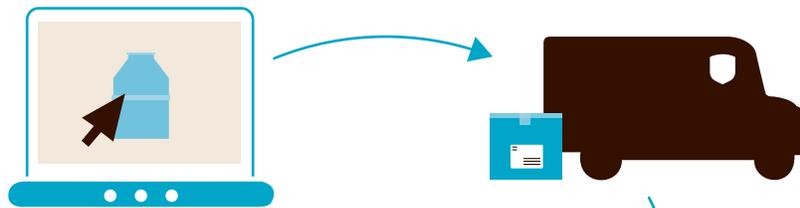
Using UPS’s powerful, best-in-class technology, Proactive Response constantly monitors your shipment’s progress and can provide the earliest-possible forecast of a delay.

If a potential delivery delay is predicted, our experts will step in to help get your materials to their destination on time. Acting in accordance with your standing instructions, we will attempt to expedite delivery—using even same-day, critical courier service if you wish.

In addition, UPS tracking and email alerts mean it’s easy to know where shipments are and when they’ll arrive.

How it works

1 Order your container online at ups.com/cryo.

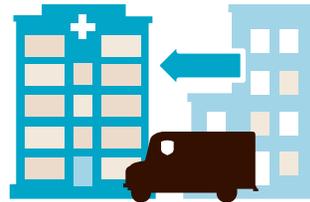


2 UPS delivers your container with preprinted labels. Simply load your product and call UPS for pickup.

4 Container is sanitized, recharged, and validated for use again.



3 UPS collects the shipment and transports it to its destination. Once unloaded, return the container using the preprinted UPS shipping label.



Track, protect, and insure

For one flat fee per package, UPS Proactive Response™ Secure provides insurance coverage. This service not only provides round-the-clock monitoring of your shipments as they move through the UPS network, but also can compensate you for the cost of replacement in the unlikely event a shipment is damaged or spoiled.

Complete data analytics

To demonstrate biologic viability, you may need data to verify shipment condition. Temperature profiles, tracking history, and carrier check-ins are all easily retrieved for analysis using the cloud-based “Cryoportal”.

UPS Temperature True Cryo: a better way to safeguard your biologic shipments.
Visit ups.com/ttcryo or contact your account representative to learn more.

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