


The ultimate in sample protection and **peace of mind**

CryoPort Express™ One-Way Shipper System

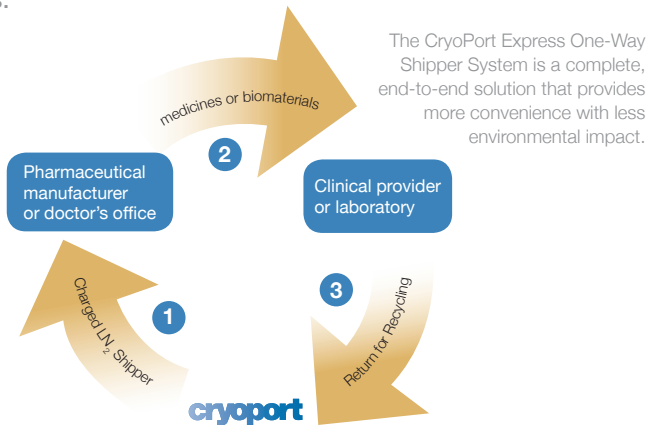
A background image showing a microscopic view of numerous circular cells, likely red blood cells, with a blue and red color palette. The cells are arranged in a somewhat regular pattern, with some appearing more prominent than others.

A clinical research organization needs to ensure temperature-sensitive samples aren't compromised during shipment because of logistical complications. A pharmaceutical researcher needs to transport investigational medicine for a clinical trial across three continents, quickly and with zero deterioration. The CryoPort Express One-Way Shipper System easily solves these and other shipping challenges by providing **a total cold-chain global shipping solution for high-value, temperature-sensitive medicines and biomaterials.**

A new system that meets the needs of today's pharmaceutical and biomedical providers

The CryoPort Express One-Way Shipper System combines state-of-the-art shipping containers and logistics management with the reliability of FedEx to maintain the integrity of your shipments. The result is a cost-effective, single-source cold-chain shipping solution that's more convenient for you while having less impact on our environment. Here's how it works:

1. CryoPort sends an innovative shipping container, pre-charged with liquid nitrogen, to the shipping point.
2. The shipper simply loads the materials and sends the container via FedEx.
3. The recipient unpacks the materials and returns the container to CryoPort for recycling.



The CryoPort Express One-Way Shipper System has a number of advantages over other approaches:



- **Reduced Risk of Specimen Loss**—Our easy-to-pack shippers can exceed 10-day holding times (compared to one or two days for dry ice systems), minimizing the risk of sample or data loss.
- **Easier Handling**—Containers arrive pre-charged with liquid nitrogen. No preparation required. Simply load the container and ship it via FedEx.
- **Lower Materials Cost**—No need to purchase, inventory and manage insulated boxes and dry ice. (No need to handle liquid nitrogen, either.)
- **A Complete End-to-End Solution**—We provide the shipping containers and FedEx handles all the transportation logistics. For you that means zero asset management and fleet maintenance.
- **Less Environmental Impact**—Boxes and packing materials are recycled, so you're not sending expanded polystyrene or polyurethane to landfills. Plus, the CryoPort Express system uses liquid nitrogen, which evaporates harmlessly. Many other shippers use dry ice, which evaporates into CO₂—a greenhouse gas that contributes to global warming.

We wouldn't trust your samples to anyone less than FedEx

No matter how advanced and convenient a shipping container is, it's only part of the solution. We teamed up with FedEx because of their ability to connect our customers to locations throughout the U.S. and more than 220 countries and territories with dependable, world-class shipping.

The extensive infrastructures of FedEx Express, FedEx Ground and FedEx Freight can handle any shipping

requirement with minimal use of third parties, for increased security and reliability. They have extensive experience with cold chain logistics, and their proprietary status-tracking system provides complete shipment visibility from pickup to delivery for your peace of mind.



➔ For more information on how the CryoPort Express One-Way Shipper System can deliver your most sensitive and high-value shipments safely and reliably with greater convenience, contact CryoPort.

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