

**tobin**scientific  
innovating the way life science moves

# Complete laboratory relocation

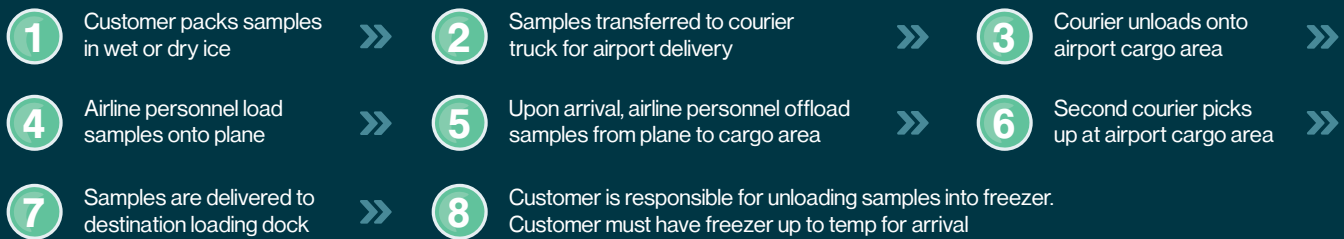
**Tobin Scientific** is a division of Tobin & Sons Moving and Storage, Inc. which provides complete laboratory relocation services. We specialize in exclusive, expedited service for the transportation of frozen biological substances ranging from 60°C to -196°C. We hold special permits from the US Department of Transportation to handle and transport both infectious and non-infectious substances. With over 40 years experience as transportation specialists, Tobin Scientific maintains a national network of vendors to assist in emergency roadside service for all of the specialized components on our custom made redundant generator vehicles, mitigating all possible risk to the integrity of your valued cargo.

# advantage

tobin scientific process = 3 steps  
minimize risk and reduce cost



avoid conventional process = 8 steps



avoid risks

- wet or dry ice can melt
- plane delays extend window of unmonitored temperatures
- multiple handling equals higher risk
- untrained personnel blindly handle biological substances
- cGMP/cGLP temperature compliance not available

avoid unnecessary costs

- purchase, lease or rent freezer at destination
- cost to transport empty freezer from origin
- management of multiple vendors
- compromised samples

# Project management capabilities

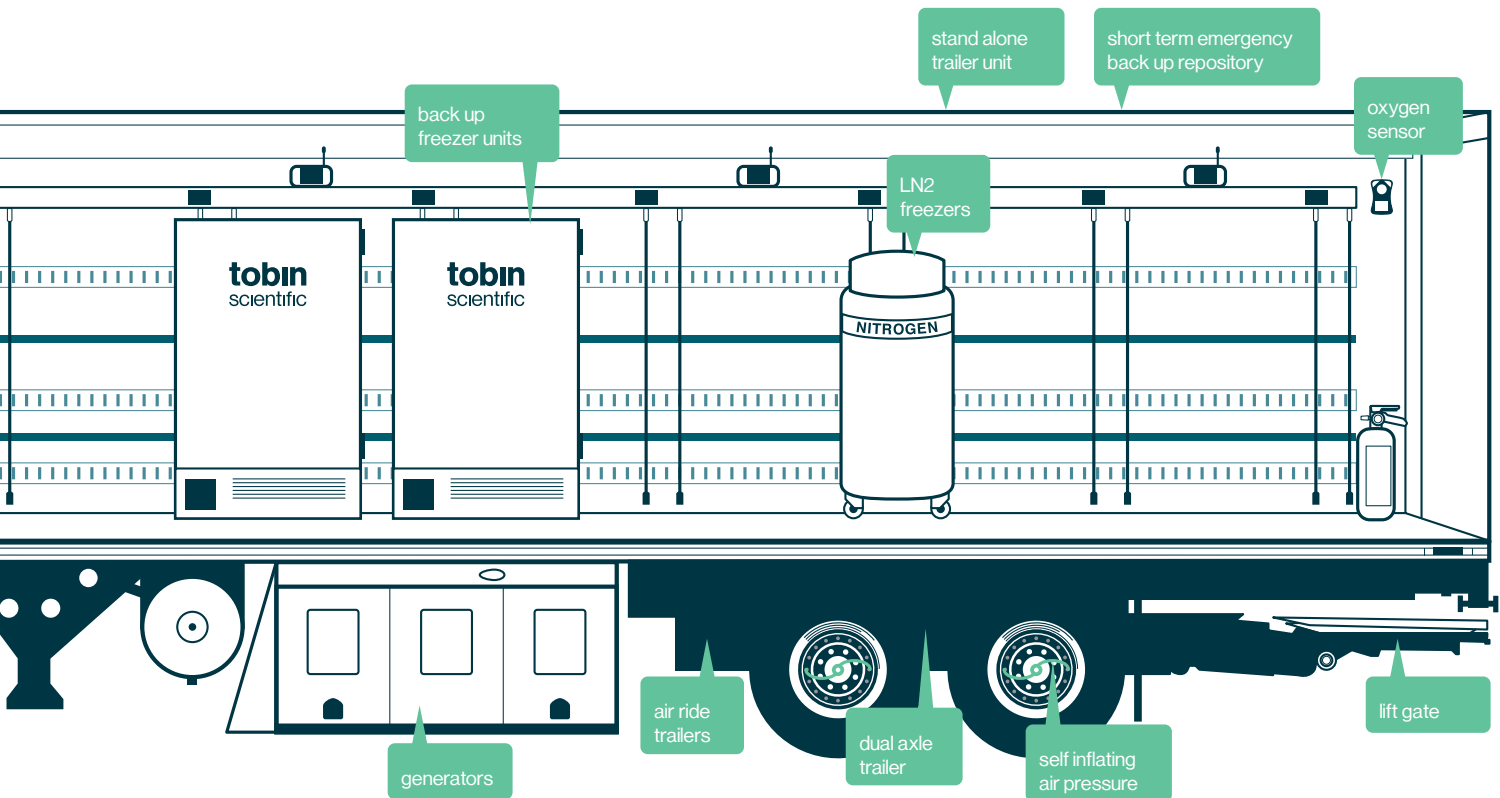
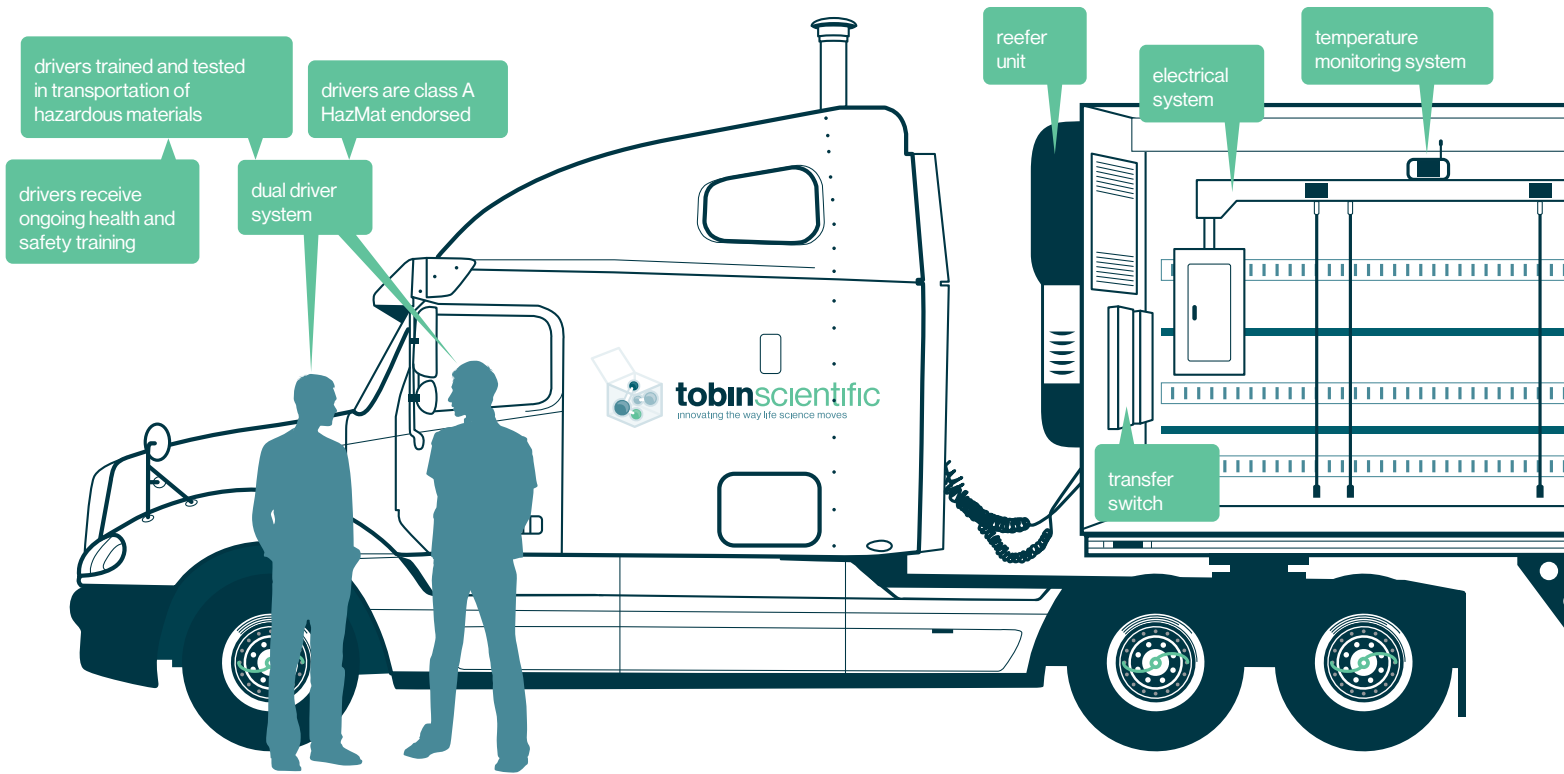
Our project management team will draw on its vast experience and training to ensure that your full lab relocation is seamless. From equipment and glassware, to infectious and non-infectious substances, our project manager will handle the complete coordination of any additional vendors, and can respond to any specialized requirements of your move.

- Managers trained in Life Science Industry
- Transport frozen biological substances
- Infectious and Non-infectious substances
- Full packing and crating service for lab equipment
- Complete lab relocation services
- Pack, transport and unpack chemicals
- Validation and calibration services
- Personnel Relocation
- Office Relocation

# Custom truck and trailer

Recognizing the specialized requirements of packing and transporting frozen biological substances, Tobin Scientific designed and built custom vehicles outfitted with redundant generator systems and IQ/OQ cGMP/cGLP validated monitoring system to ensure absolute temperature monitoring and control for all onboard samples. The system is designed with multiple layers of redundant safeguards to ensure that the integrity of the shipment is never compromised.

- Assorted tractor trailer units designed for versatile use
- Eliminates need for shuttle service in metropolitan areas
- Dual axle trailer design prevents tire wear and distributes heavier loads
- Stand-alone trailer units operate independent of tractors
- Prevents double handling of samples
- Self inflating air pressure system
- Eliminates risk of service failure
- Air ride trailers for smooth transportation



# innovative lab moving

## temperature monitoring system

- IQ / OQ Validated
- cGMP / cGLP Compliant
- Wireless System

## electrical system

- 200 Amp Service within trailer - 110 volt and 220 volt service
- Shore Power Capabilities
  - Provides clean electrical power
  - Eliminates diesel fumes in enclosed dock environments  
(Requires 100 Amp, 4 Wire, 3 Pole 125 / 250 volt service –  
Plug type: 4100 R12W Leviton)

## generators

- 2 custom, built in generators
- Provides Redundant System – both diesel and electrical power

## transfer switch

- Automatically identifies a power failure to the generator
- Instantly switches to redundant generator without losing power to freezers
- Eliminates potential for human error
- Maintains the integrity of biological substances stored in freezers

## reefer unit

- Refrigerates trailer unit and circulates air
- Maintains optimum operating temperature for freezers
- Shore power capability
  - Eliminates diesel fumes in enclosed dock environments

## lift gate

- 4,400 lb self-leveling lift gate for ground pick up and delivery
- 8 x 8 foot platform
- No dock? No problem.

## LN2 freezers

- 230 Liter LN2 tank to supply LN2 freezers and dewars
- Oxygen sensors keep our drivers safe

## back-up freezer units

- Assorted freezer units available to provide back up for any job
- Back up units up to temp in case of emergency transfer of samples
- Refrigerators/freezers include, -20c Freezers, -80c Freezers, 4c Refrigerator

## short term back-up repository

- Perfect for short term, onsite storage
- Truck is capable of providing power back-up to main building

## emergency response support

- Provide self powered repository
- Transport frozen biological substances offsite

## permits

- US Department of Transportation special permit to transport
  - Hazardous Materials (49 CFR §172.101)
  - Infectious Substance (Animal) Class 6.2
  - Infectious Substance (Human) Class 6.2
  - Biological Substance, Category B\* Class 6.2

## compliance team includes

- Legal Transportation Specialist
- Emergency Response provided by Chemtrec
- Compliance Specialist
- Independent Health and Safety Consultant
- Chemical Consultant

## drivers and employees

- Trained and tested in Compliance with 49 CFR 172.704 for transportation of hazardous materials by surface
- Class A HazMat endorsed
- Receive Ongoing Health and Safety Training

**Tobin Scientific** is a division of Tobin & Sons Moving and Storage, Inc. We are proud members of the Massachusetts Biotech Council and the New Hampshire Biotech Council, as well as SOMWBA (WBE / DBE) certified.

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