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# SAMPLE STORAGE AND SAMPLE MANAGEMENT

LABORATORY SERVICES STORAGE SERVICES BIOBANKS BIOETHICS & GENETIC COUNSELING



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MAYO CLINIC  
BIOSERVICES

**Our Mission:** To provide world-class Biorepositories and state-of-the-art Biospecimen Processing and Storage with a focus on quality and service.

The Laboratory and Storage Facility currently occupies 35,000 sq. ft. of dedicated space. A single centralized facility provides numerous advantages, including greater efficiency, increased automation, greater uniformity, and increased standardization of procedures and processes, all leading to high-quality material for investigators. Mayo Clinic Bioservices offers a variety of sample storage solutions, including both conventional and robotically controlled freezers, sample shipment supported by a national network of courier services, sample distribution and kit building.

**STORAGE:** Samples can be stored at a variety of conditions including ambient, -20°C, -80°C and liquid nitrogen, with their locations tracked in the Research Laboratory Information Management System (RLIMS). Our storage capacity is currently in excess of 5 million 1.4mL cryovials, with additional growth capacity of over 10 million tubes. The laboratory freezers are monitored by a TempTrak® freezer monitoring system.

**SHIPPING:** International Air Transport Association (IATA)-trained staff prepares samples for worldwide shipment using a variety of courier services. Samples can be shipped at ambient, chilled or frozen temperatures.

**KIT BUILDING:** Kits for sample collection and processing can be prepared to include specific collection containers and processing kits, study-specific paperwork and instructions, and return shipping materials. These kits may be shipped directly to the end user or provided to the study team.

## MAJOR EQUIPMENT

- > Brooks Life Science Systems BioStore robotically controlled freezer
- > Hamilton BiOS robotically controlled freezer
- > 4°C refrigerators, -20°C freezers, -80°C conventional freezers, and liquid nitrogen freezers
- > Courier vehicles
- > Access to national network of courier services

## CONTACT US

Mayo Clinic Bioservices  
200 First Street SW  
Rochester, MN 55905

855-298-0598

<http://bioservices.mayoclinic.com>