



SAMPLE STORAGE AND SAMPLE MANAGEMENT

LABORATORY SERVICES STORAGE SERVICES BIOBANKS BIOETHICS & GENETIC COUNSELING



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MAYO CLINIC
BIOSERVICES

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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 65,000 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). We are currently configured to store in excess of 70 million 1.4-mL cryovials. 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 vials, 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

CONTACT US

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