



Clinical Laboratory Diagnostics for Invasive Aspergillosis  
Contract No. HHSN266200700023C  
Standard Operating Procedures

1. Storage devices shall have alarm systems that are continuously active.
2. Alarm systems shall have audible signals.
3. If laboratory personnel are not always present in the immediate area of the storage device, a remote alarm system shall be required and staffed 24 hours a day.
4. Alarms shall be set to activate at temperatures to allow time to transfer specimens avoiding degradation of specimens.
5. Alarm systems shall be tested periodically for function.

**F. STORAGE DEVICE FAILURE**

1. There shall be a written procedure to be followed if the storage device fails. This procedure shall be displayed in the immediate area containing the storage device.
2. A procedure notifying Biological Specimen Repository staff shall be placed at each remote alarm location and in the immediate area of the storage device.
3. Additional storage devices of appropriate temperature shall be available for specimen storage if the primary storage device fails.

**G. SECURITY**

1. The storage device shall be locked in a secure area. Locking capability shall be available and used. Freezers shall be locked when staff are not present in the area.

**SUPPORTIVE DATA:**

Daily Temperature Records  
Freezer/Refrigerator Alarm Testing Records  
Alarm Notification Algorithm  
Alarm Call list

**DEFINITION:**

The condition of storage that results in stable Biological Specimens

**REFERENCES:**

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Thermoforma Installation and Operation Manual, Models 8523/8584, Non-CFC, Ultra-low Temperature Upright Freezer.

Sensaphone User's Manual, Model 1108 Version 1.43, Phonetics, Inc. November 2004.

**ORIGINAL IMPLEMENTATION DATE:** \_\_\_\_\_

**APPROVED BY NIH NIAID Project Officer:** \_\_\_\_\_ DATE \_\_\_\_\_

**APPROVED BY PI/designee:** \_\_\_\_\_ DATE \_\_\_\_\_

**APPROVED BY Laboratory Coordinator:** \_\_\_\_\_ DATE \_\_\_\_\_