

MICRO Q TECHNOLOGIES

PLATELET TRANSPORTATION

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Immunizations are essential to supporting world health efforts. Every year new diseases or strains of a disease arise, new children are born, and people who have never been immunized become at risk for these often fatal diseases. There is not just a pharmacy or clinic down the road in every part of the world, so it is critically important that a safe and effective method of transportation be in place for vaccines. Immunization Basics: Snap Shots makes note of the importance of safely transporting vaccines all over the world, "An effective logistics system and a well-maintained cold chain are essential for safe and effective immunization services delivery. An improperly functioning cold chain can lead to wasted vaccines, missed opportunities to immunize due to lack of vaccines, and children receiving vaccines that do not protect them as intended or that actually make them sick." Vaccines are designed to help protect people from illness not make them sick from improper handling. Vaccines are designed to be kept a temperature ranging from 2° to 8° Celsius.

ADDITIONAL PLATELET TRANSPORTATION BENEFITS

When shipping platelets, it is important to use a temperature sensitive portable shipping device that can protect the platelets throughout the duration of transport. The MicroQ iQ portable shipping device is ideal for shipping platelets because it is a temperature sensitive device that is capable of active heating and cooling. During transport, the platelets may encounter extreme changes in temperature and climate, depending on the distance it is shipped, and it may also encounter rough handling and delays. All of these things could lead to potential damage. The MicroQ iQ shipper is controlled by a microprocessor, ensuring the desired temperature is constantly maintained. The platelet shipping device is also durable, lightweight and rechargeable. It will help keep the cost of shipping down because it is lightweight and because it can be recharged and reused each time platelets need to be shipped. The MicroQ iQ shipper is the ideal shipping device for platelet transport.

Benefits of Micro Q Technologies



- Active precision heating or cooling
- Temperature LCD display resolution = 0.1° C
- Temperature control range 0° C to 42° C
- Rechargeable battery with integrated power supply
- Ambient Temperature range -20° C to 50° C



- Temperature holding duration 24+ hours to 168+ hours
- Microprocessor controlled heat pump
- Tamper resistant key switch
- Temperature control resolution = 0.0625° C



LOCATION

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