Steps for Shipping Dried Blood Spot Samples (Cold Shipment)



1. Once blood has been applied to filter paper, allow it to dry at room temperature for at least 3-4 hours in a HORIZONTAL position. Avoid touching the blood spot. Drying time may take longer if the humidity is high. Avoid exposing spots to high temperatures and direct sunlight.



2. Blood spots should be completely dry before packing. Separate dried blood spot cards with weighing paper.



3. Assemble all shipping materials including, plastic bag, indicator cards, and dessicant packs. Keep humidity-sensitive materials sealed in containers until needed.



4. Handle humidity-sensitive materials, such as cards and dessicant packs, with gloves.



5. Pack dry blood spots in 3-mil thickness bags that provide a barrier to gases and water vapor, such as those made of Saranex®. Regular ziplock or freezer bags should not be used. Add desiccant packs and humidity-indicator card. Zip the bags to seal. Keep as cool as possible during transport.



6. Pack plastic bag into Tyvek® envelope. Seal the Tyvek® envelope.



7. Place sealed envelope into box with cold packs. Ship to appropriate laboratory.

