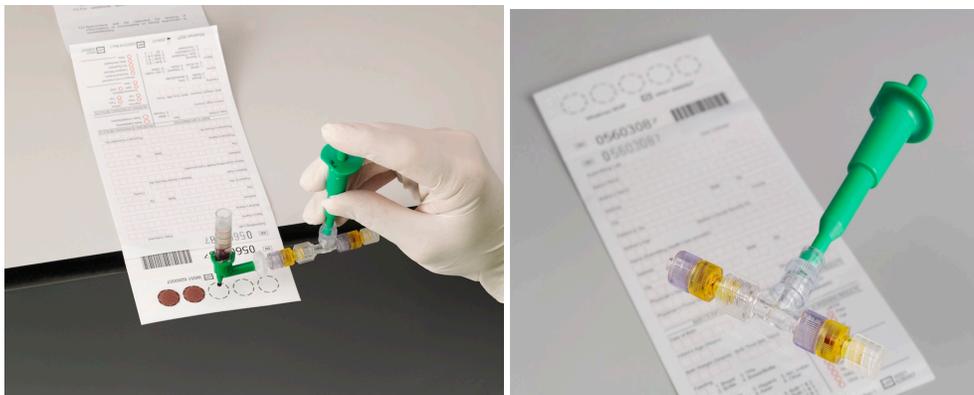


Using Quick-SPOT[®] Dispenser for Newborn Screening And Dried Blood Spot Specimen Collection

This method is consistent with Section 5.2 (Capillary Tubes) of the CLSI Blood Collection on Filter Paper For Newborn Screening Programs; Approved Standard -Sixth Edition (NBS01-A6). Section 5.2 of CLSI NBS01-A6 states that "while the use of capillary tubes is strongly discouraged, satisfactory blood specimens can be obtained using a sterile, plain (anticoagulant-free) capillary tube. The use of anticoagulants or other additives should be avoided because they may interfere with NBS test procedures and because anticoagulants are not used, clotting may occur and care should be taken to perform capillary collection and dispensing quickly." User of QUICK-SPOT SPECIMEN DISPENSER should be familiar with the recommendations of the CLSI NBS01-A6.

- 1) Use a Quick-SPOT[®] Collector (IMT #15-985). Q-S Collector contains a Q-S Adapter and a no-additive BD Microtainer[®] (BD #365963, RED CAP). Collect the sample using this Q-S Collector attached to the Innovac[®] Vacuum System (follow instructions supplied with the Innovac[®]). **Fill at least 1/3 to 1/2 full (350-400µl), if possible.**
- 2) After collection, remove the Q-S Collector from the Innovac[®] and attach this Q-S Collector to the disk filter on the Quick-SPOT[®] Specimen Dispenser (IMT #15-675). This needs to be done fairly quickly as there are no anti-coagulants in the Collector. Position the Q-S Collector in a horizontal position until you are ready to dispense sample (when in the vertical position, specimen may drip from the tip of the Quick-SPOT[®] Adapter).
- 3) When ready, rotate the Q-S Collector to vertical with the Quick-SPOT[®] Adapter on the bottom. Evenly and completely, press down the plunger on the Quick-SPOT[®] Dispenser. **Wipe away the first drop of blood** that is dispensed onto a cotton ball or other absorbent material (The first drop may not be a full 75µl). You may need to press down the plunger a few times before the first drop is dispensed. **If you were unable to collect 350 - 400µl of blood, skip this step and use the first drop on the first circle.**
- 4) Position the tip of the Quick-SPOT[®] Adapter over the first circle of the test paper, being **careful not to touch the test paper with the tip of the Adapter**. Hold the tip close to the circle without touching the paper (approx. 1/4").
- 5) **Evenly and COMPLETELY depress the Quick-SPOT[®] plunger** to drop the sample from the tip of the Quick-SPOT[®] Adapter to the sample site of the test paper. **Drop the specimen onto the center of the circle and let it flow out to the edges.** The sample may dispense in more than one small drop, but will be dispensed quickly enough so "layering" does not occur.
- 6) Move to the next sample site and repeat step 5 until all circles are filled.
- 7) After dispensing the sample, remove the Q-S Collector from the Quick-SPOT[®] Specimen Dispenser and dispose in a biohazard container.
- 8) The Quick-SPOT[®] Specimen Dispenser device **is not disposable**; it is designed for at least 400 patients (2,000 dispenses). If it needs to be disinfected, wipe it down with a disinfectant wipe. Do not immerse.
 - Even though it is highly unlikely, inspect the disk filter for blood before each use. If it has blood in it, replace it with a new disk filter (#15-501). **NOTE: The one-way valves in the gold-colored parts are red in color and do not contain blood.**



QUICK-SPOT[®] SPECIMEN DISPENSER

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