



All syringes contain balanced Lithium/Zinc heparin.
(If detached, securely attach needle to syringe.)

Intended Use:

This product is intended for use on the order of a physician as a single use, disposable, syringe to obtain arterial blood samples for in vitro diagnostic use only, for pH blood gas and selected whole blood electrolytes. Do not use for injection. Contents are sterile in unopened, undamaged package.

INSTRUCTIONS FOR USE FOR VENTED SYRINGES

1. Prepare puncture site.
2. Push plunger to bottom of barrel, then set plunger to desired blood sample size.
3. Remove protective sheath from needle by pulling straight off, using caution not to damage needle tip. If using the Q-Cork needle protection system, insert the needle sheath into the hollow end of the Q-Cork stopper. Upon completion of collecting the blood sample, insert the needle (while attached to the syringe) into the sheath. Ensure the needle is properly seated into the sheath. Dispose of sheathed needle with Q-Cork into sharps container.
4. Perform arterial puncture bevel side up, holding syringe at approximately a 45° angle. Blood will flow into the syringe, venting air out through an internal filter. Note: After the blood has reached the filter, the plunger will pump back by arterial pressure.
5. After obtaining sample, withdraw needle and apply firm digital pressure to puncture site for five minutes or until bleeding has stopped.
- 6A. Insert needle into stopper. With the needle pointed downward, apply light pressure to the plunger. This expels any remaining air and seals the internal filter. If air is not expelled quickly, the filter will seal shortly after becoming wet with blood.
- 6B. If using a needle safety device, refer below.
 1. Pull back on the safety cover toward the syringe and away from the needle. Grasp the syringe with one hand and with the other hand remove the clear needle shield by pulling straight off.
 2. Note: if changing needles, activate safety cover prior to removing the needle from the syringe. For user convenience, the needle “bevel-up” position is oriented to the safety cover.
 3. After obtaining sample, immediately activate safety cover as follows: Using the same hand holding the syringe, center thumb or forefinger on the finger pad area of the safety cover. Push the cover forward toward the needle until you hear and/or feel it lock. Visually confirm that the needle tip is covered.
7. Remove needle and attach luer tip cap. Discard needle appropriately in sharps bio-hazard container.
8. Thoroughly mix the blood with the dry heparin by shaking or rolling syringe.
9. Transport blood sample to the blood gas analyzer for analysis.

Aspirating Method:

1. Prepare puncture site.
2. Hold syringe with needle pointing down and push plunger to bottom of barrel.
3. Remove protective sheath from needle by pulling straight off, using caution not to damage needle tip.
4. Perform arterial puncture bevel side up holding syringe at approximately a 45° angle.
5. After the blood enters the syringe barrel and wets the filter, aspirate the sample to the desired volume of blood.
6. Follow steps 5 through 9 above (Pre-set Method).

Manufactured for:
Resource Optimization & Innovation, LLC
St. Louis, MO 63141
855-845-9302

Patents 4,373,535; 4,448,206; 4,732,162;
4,897,083. Other patents pending.
Assembled in Mexico
79763, Rev. 1 2022/05



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4. Perform arterial puncture bevel side up, holding syringe at approximately a 45° angle. Blood will flow into the syringe, venting air out through an internal filter. Note: After the blood has reached the filter, the plunger will pump back by arterial pressure.
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