



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

INSTRUCTIONS FOR USE CORD GAS KIT

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. Not for injection. Contents are sterile in unopened, undamaged package.

1. Prepare umbilical cord sample section as per hospital protocol.
2. Prepare syringe for sample aspiration by depressing the plunger to the bottom of the syringe and confirming needle is securely affixed to the syringe.
3. Affix arterial and venous identification labels to the syringes.
4. Remove protective sheath from needle by pulling straight off, using caution not to damage needle tip.
5. Hold the syringe at a 45° angle and perform puncture.
6. Aspirate two blood samples (one venous, one arterial) from the excised clamped cord segment.
7. After each sample is aspirated, engage needle protection device by:
 - a. Using the same hand holding the syringe, center thumb or forefinger on the finger pad area of the safety cover.
 - b. Push the cover forward toward the needle until you hear and/or feel it lock.
 - c. Visually confirm that the needle tip is covered.
8. Remove needle and discard needle appropriately in a sharps bio-hazard container
9. Thoroughly mix the blood with the dry heparin by shaking or rolling syringe.
10. Transport blood sample to the blood gas analyzer for analysis.




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 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
79765, Rev. 1 2022/05



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