

# AlveoSampler Collection System: Storage Limits/Transferring Samples



## ALVEOSAMPLER SYSTEM:

The AlveoSampler System is an economical and disposable device used to collect alveolar air samples for subsequent analysis. It permits one-patient use of a modified Haldane-Priestley tube.

The alveolar sample is drawn into a syringe from the end-expiratory air blown through the device. During expiration through the mouthpiece, a vented polyethylene bag with a medium-resistance leak is filled to indicate that adequate dead space volume has been exhaled. As exhalation continues, air is then steadily drawn into the syringe by the operator. The bag serves as a check-valve to prevent contamination of the syringe sample with atmospheric air as long as the patient keeps the AlveoSampler mouthpiece in his/her mouth.

Use of the AlveoSampler removes the danger of inter-patient cross-infection, and saves time and money by eliminating the costs of cleaning and sterilizing reusable products.

## STORAGE LIMITS:

After the alveolar air sample is collected and the syringe has been removed from the collection mouthpiece, the sample may be immediately analyzed. QuinTron syringes can only hold a sample for no longer than 2 hours. If you cannot analyze the sample within that time, please transfer the samples into a Sample Holding Bag (QT00842-P).

**DO NOT USE A SYRINGE THAT IS NOT COMPATIBLE, IT CAN JEOPARDIZE YOUR SAMPLE.**

**See Product Compatibility Section for Syringes that are compatible with breath hydrogen testing.**

## TRANSFERRING SAMPLES TO A SAMPLE HOLDING BAG:

1. Ensure the stopcock is closed after collecting your patient sample in the syringe.
2. Insert another stopcock into the small port on the Sample Holding Bag.
3. Insert your Patient Sample Drying Tube into the stopcock on the Sample Holding Bag.
4. Attach the syringe with stopcock to the other end of the Patient Sample Drying Tube.
5. Open the stopcocks on the syringe and Holding Bag and inject the sample into the Sample Holding Bag.
6. Close the stopcock on the Sample Holding Bag to ensure no sample expires from the port.
7. Remove the Patient Sample Drying Tube and syringe from the Sample Holding Bag.
8. Repeat the same procedure with a new Sample Holding Bag for each sample you wish to store.
9. You may reuse the Patient Sample Drying Tube until it has fully expired.



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