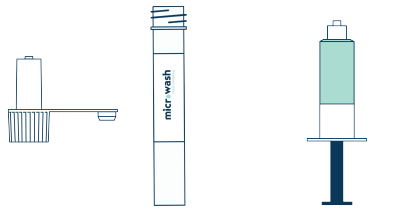
INSTRUCTIONS FOR USE

Website: GetMicroWash.com | **Contact:** info@umdevices.com

Description: The MicroWash device is a single-use nasal lavage irrigation device and specimen collection container that allows for rapid collection of nasal wash samples. The device connects directly to a 3 mL syringe that is pre-filled with sterile normal saline on one end and has a small orifice on the opposite end. When users depress the syringe plunger, the end with a small orifice directs a stream of saline. The MicroWash device serves as the collection reservoir to capture the normal saline directly as it drains back from the user's nose. After the saline solution has fully drained from the nasal cavity, the MicroWash device is attached to a specimen transport tube via the threaded end of the MicroWash device. The MicroWash device also functions as specimen transport tube cap to secure the specimen for transport.

Intended Use: The MicroWash device is a nasal lavage irrigation device and specimen collection container that is intended to wash the nasal cavity with a stream of saline and subsequently collect and store the nasal wash sample. This is to ensure optimal sample quality for transport to a laboratory for diagnostic testing.

Required for Specimen Collection



MicroWash | Specimen Transport Tube | 3 mL Sterile Normal Saline Syringe

Setup

1. Read the instructions before starting the collection and scan the QR code with a smartphone to watch the instructional video.

2. Wash hands with soap and water. If soap is not available, use hand sanitizer.

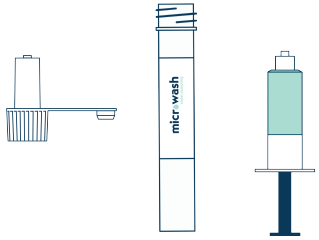
3. Disinfect the surface where the MicroWash kit will be used.

4. Do not use other saline syringes with the MicroWash device. Only use the saline syringe supplied.

Use Instructions

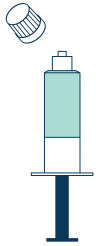
1. Before beginning the collection process, the patient should blow their nose at least twice to ensure the nasal passage is clear. Collection can be performed in either nostril but select the side that is the least congested, allowing for free flow of air and fluid.

2. Remove the contents of the kit: MicroWash device, 3 mL pre-filled syringe, specimen transport tube and bag.

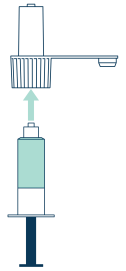


3. If there is a cap on the specimen transport tube remove it and discard. Record patient information on the tube label and adhere if necessary.

4. Twist the cap off the saline syringe. Be careful not to push on the syringe plunger during this process.

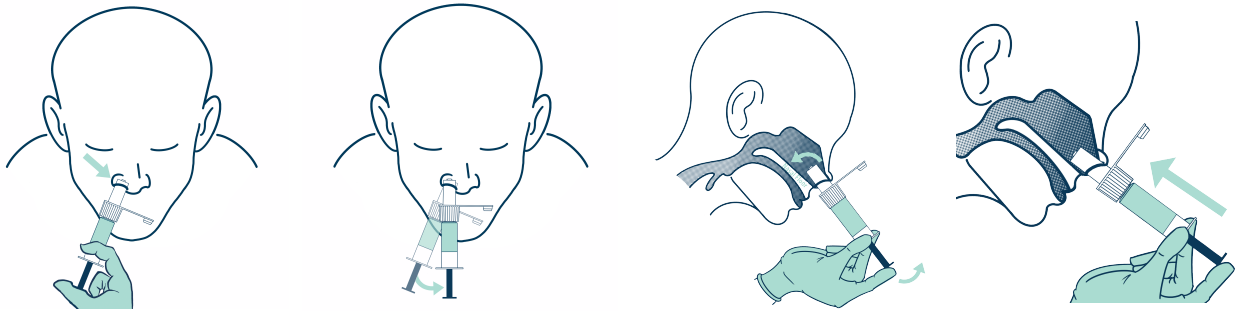


5. Attach the saline syringe to the MicroWash device by gently twisting the syringe while inserting it into the device. Be careful not to push on the syringe plunger during this process.



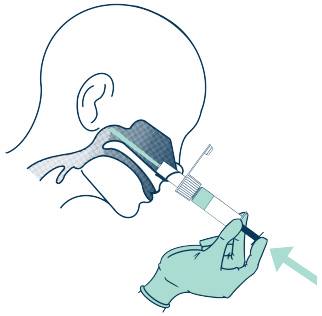
6. The patient should bend the neck down about 20° by moving the chin toward the chest. The chin should not be touching the chest. If it is, the neck has been bent too far forward. **The patient's neck should be held in this position until the process is complete (at the end of step #9).**

7. Insert the MicroWash-syringe assembly into the nose, making sure it is pointed straight into the nose and not off to the side. Gently angle the tip of the MicroWash down so that it is pressing against the floor (bottom) of the nostril. Be sure to have a good seal between the MicroWash device and the nostril for best results.

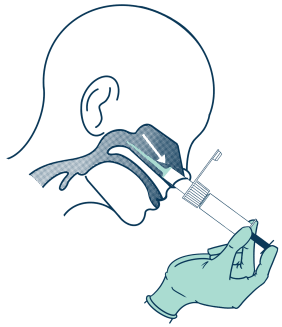


NOTE: Use the tip of the MicroWash to hook the lateral/side rim of the nostril opening to facilitate insertion.

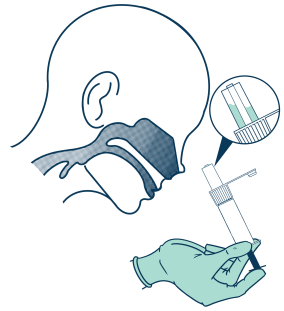
8. Important: The patient should hold their breath for the duration of this step. To initiate the nasal irrigation, push on the syringe plunger with a firm and consistent force. A small amount of saline may come out the opposite nostril, which is normal and may be wiped away with a tissue.



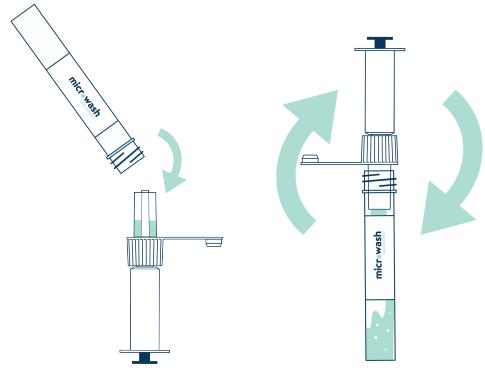
9. Keep the MicroWash device and syringe in the nose for 60 seconds to allow the liquid to completely drain into the MicroWash device. Normal breathing can be resumed during this time. To help ensure all liquid drains out, the patient can gently blow their nose on the side with the MicroWash.



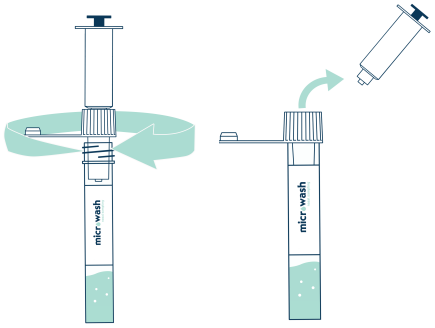
10. Remove the MicroWash from the nose while keeping the end that was in the nostril upright to avoid spilling the specimen.



11. Invert the transport tube over the top of the MicroWash that contains the specimen. Then turn both devices over. The liquid will drain from the MicroWash into the transport tube.

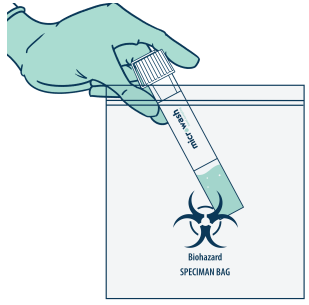


12. Tighten the MicroWash onto the transport tube by twisting it clockwise. Once the MicroWash is secured on the transport tube, the syringe can be removed from the MicroWash device.



13. Close the flip lid on the MicroWash to securely seal the specimen in the tube and push down until a "click" is either felt or heard, ensuring secure closure of the flip lid. Double check the MicroWash is sealed with the transport tube tube and slightly tighten it a bit more if needed.

14. Place the transport tube containing the specimen in a biohazard bag and seal the bag. The specimen should be immediately transported for laboratory testing.



15. Follow universal precautions and discard the saline syringe in an appropriate waste receptacle.

Warnings and Precautions

- Any mishandling or improper use of MicroWash may result in device failure, discomfort, or inadequate specimen collection or quality.
- Do NOT use if there is blockage of the nasal channel, either physiological or anatomical.
- For pediatric, adolescent, or cognitively impaired users – only use under supervision by a healthcare professional.
- MicroWash is a one-time (single) use device. Do not reuse.
- Do NOT use if the packaging or device looks damaged.

Storage, Handling and Transport

- Store all components of the MicroWash kit and pre-filled 3 mL sterile normal saline syringe at 15°C – 25°C (59°F – 77°F).
- If transportation requires prolonged shipping times, the specimen should be refrigerated or packaged with a cooling device (cool pack or dry ice). Storage temperatures should be monitored to maintain parameters as outlined by the receiving laboratory.

Disposal

After use, the MicroWash should be disposed of in accordance with guidelines regarding disposal of biohazardous medical devices. For more information, review the Occupational Safety and Health Administration (OSHA) bloodborne pathogens standard, 29 Code of Federal Regulations (CFR) 1910.1030. (https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030)

Symbols

REF Reorder or catalog number	Store Temperatures	See instructions for use
LOT Lot or batch number	Single Use Only. Do not Reuse	Manufacturer
Use by Date	Do not use if package is damaged	R_x Only Sale or use of this device requires a physician order in compliance with applicable U.S. regulations and laws.