




Instructions for Use: NOW! Test

Brand Name of Product	NOW! Test
Generic Name of Product	Rapid Gram-negative bacteria test
Product Code Number(s)	NOW-1000SK, NOW-1000
Intended Use	The NOW! Test is to detect viable Gram-negative bacteria at or above 10 CFU.
Range of Applications for Product	
Key Specifications of Product	<ul style="list-style-type: none"> • A fluorometric diagnostic system that can be used to provide a fast diagnosis (~12 hours) of low levels of Gram negative bacteria (>10 CFU). • The NOW! Test works by detecting an enzyme mechanism typical to Gram negative bacteria. • Reagent Bottle • 50 Cuvettes with growth medium • 50 Pre-packaged Water vials (5mL) • 50 Pipettes • 50 2" x 3" Ziplock Bags • Incubator • Cardboard Cuvette holder

Shipping & Storage	
Shipping Conditions & Requirements	
Storage Conditions	<ul style="list-style-type: none"> • Once received, the Reagent bottle must be stored in the refrigerator at approximately 4°C (39.2°F) and retrieved from the refrigerator for use. • The reagent does not need to be refrigerated when shipped. • Rest of the kit must be stored at room temperature.
Packaging Contents	
Shelf Life	One year from date manufactured.

Instructions for Using Product	
Description of Use (s)	The NOW! Test is to check for viable Gram-negative bacteria.
Preparation for Use	<ul style="list-style-type: none"> • Run a negative control when you open the NOW! Test box. • Set the temperature on the incubator to 37°C <ol style="list-style-type: none"> 1. With the incubator powered on, simultaneously press and hold the two small buttons on the rear of the incubator (see Figure 1) for ~2 seconds until the currently selected temperature set point blinks on the LED display. 2. Release the buttons, then press either button repeatedly to toggle between the available temperature set points (37°C, 57°C, or 60°C). 3. When the 37°C set point is blinking on the display, press and holds both buttons for ~2 seconds. 4. The configured set point will fade in and out on the LED screen until the incubator has reached temperature, after which the actual temperature of the incubator will be displayed.
	
	Fig. 1
Diagrams (drawings, pictures)	
Steps for Use of Product	<p style="text-align: center;">FLUSHING WATER THROUGH LUMEN:</p> <ol style="list-style-type: none"> 1. Pick the item that is to be tested.

2. Don clean gloves

3. Place supplied zip-lock bag at the distal end of the item and partially seal bag so that it stays in place.



4. Flush the lumen with the blue vial of water.

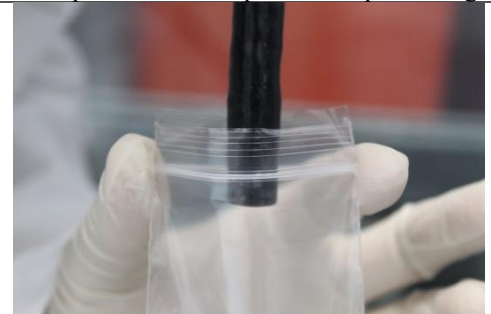


5. Draw up 30 cc of air in a syringe.

6. Purge the lumen with 30 cc of air.



7. Recapture the sample water in the provided zip-lock bag.

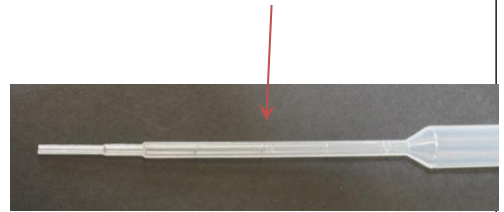


Follow the item manufacturer's IFU for drying procedures.

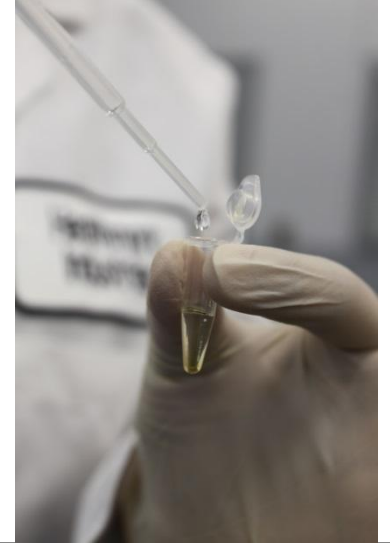
PREPARING THE SAMPLE FOR THE INCUBATOR:

7. Draw up 0.5 mL of sample/extract water.

Hint: Push pipette ball, then submerge into solution. Slowly release ball until you reach 0.5 ml. Then draw pipette from solution.



8. Add the 0.5 mL of sample/extract water to the provided cuvette with the growth medium. Mix by shaking gently.



9. Place vials in the block incubator and allow 12 or more hours of incubation. The incubator should be set to 37°C.



10. After incubation, the cuvette needs to be allowed to cool down. One of two methods can be employed:

- a. **Room temperature:** remove the cuvette and place in the supplied holder and allow cooling for a minimum of 1 hour, but not greater than 3 hours. Continue on to step 11.



- b. **Refrigerator:** Remove the cuvette and place it in the supplied holder. Place in a refrigerator (approximate temperature of 4°C) for

15 minutes. Remove from refrigerator exactly at 15 minutes and continue on to step 11.



11. Before adding Reagent A, switch the power source of the fluorometer at the upper right corner to “ON”.



12. Add 2 drops of Reagent A to the cuvette.



13. Gently invert it four times to help mix the reagent with the sample.



14. Immediately proceed to the next steps for testing.

INSTRUCTIONS FOR THE FLUOROMETER

15. Place the cuvette in the fluorometer, line up the pointy side of the cuvette with the black line in the reader. Place the black cap on the fluorometer.



16. This screen will show up, press the “Measure”.



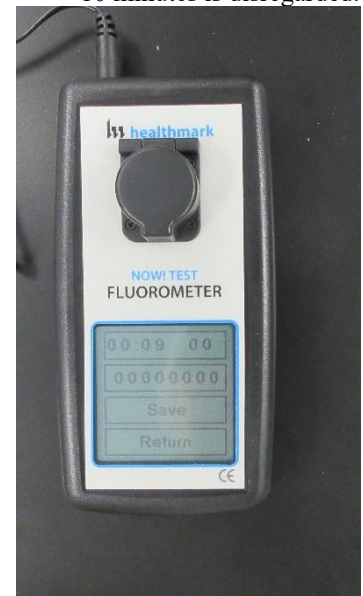
17. Press “Blank” (timer will start counting seconds).




18. Press “Measure” and wait 10 minutes to get the reading.



19. At 10 minutes, the fluorometer will automatically take a reading. (A value will be displayed in the box below the timer). The value displayed before 10 minutes is disregarded.



Please Note: The timer on the fluorometer will continue to run, but the reading displayed is taken exactly at the 10-minute mark.

	 <p data-bbox="683 674 1523 705">If desired to test a new sample, press “Return”(twice) to begin a new sample.</p>
Interpretation of Results	<ol style="list-style-type: none"> 1. A numerical value between 200 – 300 likely indicates the presence of Gram negative bacteria (but could be due to insufficient cooling of cuvette). Reprocess the item and retest, ensuring that sufficient time for cooling has occurred, according to this IFU. 2. A numerical value greater than 300 strongly indicates the presence of Gram negative bacteria. Further steps, including reprocessing and investigation of reprocessing procedures (perhaps involving Risk Management, Infection Control, etc.) should be undertaken. One of these steps may be culturing of the item for bacteria contamination and species identification.
Contraindications of Test Results	Other contaminants (such as loose debris) in the recaptured water can cause auto-fluorescence. This also necessitates a reprocessing of the item as such debris should not be present in a clean lumen.
Documentation	Record results
Special Warnings and Cautions	<ul style="list-style-type: none"> ● Check the item manufacturer’s IFU for any drying procedures. ● A negative test result does not ensure the item is free from contamination. It indicates that Gram negative bacteria is not present or is at levels below what the test can detect. Other contaminants, including Gram positive bacteria, and organic soil can remain. Take other measures, including cleaning verification tests, to further verify a quality process. ● If there is a positive test result, further steps should be taken in accordance with facility guidelines, including reprocessing, further investigation (including culturing for microbial contamination), etc. ● Turn off the machine after use. ● Always use proper plugs that are meant for that piece of testing equipment. Switching incubator and fluorometer plugs can cause a fire.
Disposal	<ul style="list-style-type: none"> ● Dispose of the pipette and zip lock sample bag in a biohazard container.

Reprocessing Instructions	
Point of Use	
Preparation for Decontamination	
Disassembly Instructions	
Cleaning – Manual	
Cleaning – Automated	
Disinfection	
Drying	
Maintenance, Inspection, and Testing	
Reassembly Instructions	
Packaging	

Sterilization	
Storage	
Additional Information	

Related Healthmark Products	
Other Product Support Documents	ProFormance™ Brochure, ProFormance™ Price List
Reference Documents	
Customer Service Contact	Healthmark Industries Company, Inc 18600 Malyn Blvd. Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com