





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 check flexible endoscopes for Gram-negative bacteria after reprocessing.
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.

Shipping & Storage	
Shipping Conditions & Requirements	
Storage Conditions	<ul style="list-style-type: none"> • Once received it is recommend to refrigerate reagent bottle (approximately 4°C). • The reagent does not need to be refrigerated when shipped. • If necessary, the reagent can be stored at room temperature for up to 60 days. • Rest of the kit can be stored at room temperature.
Packaging Conditions	
Shelf Life	One year from date manufactured.

Instructions for Using Product	
Description of Use (s)	The NOW! Test is to check for Gram-negative bacteria growth.
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	<table border="1"> <thead> <tr> <th>FLUSHING WATER THROUGH LUMEN:</th> </tr> </thead> <tbody> <tr> <td>1. Pick an endoscope that has been reprocessed for testing.</td> </tr> <tr> <td>2. Place supplied zip-lock bag at the distal tip of the endoscope and partially seal bag so that it stays in place.</td> </tr> </tbody> </table>	FLUSHING WATER THROUGH LUMEN:	1. Pick an endoscope that has been reprocessed for testing.	2. Place supplied zip-lock bag at the distal tip of the endoscope and partially seal bag so that it stays in place.
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3. Flush the lumen with the blue vial of water. (i.e., the biopsy channel).

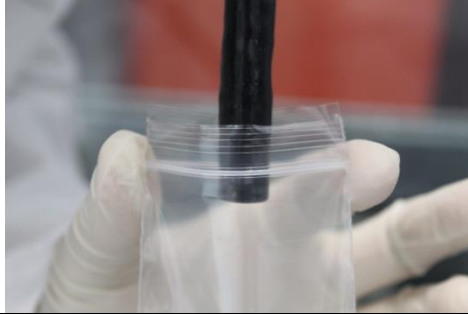


4. Draw up 30 mL of air in a sterile syringe.

5. Purge the lumen with 30 mL of air.



6. Recapture water in the provided zip-lock bag.

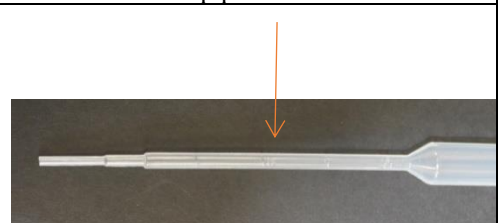


Follow the endoscope manufacturer's IFU for drying procedures of the flexible endoscope.

PREPARING THE SAMPLE FOR THE INCUBATOR:

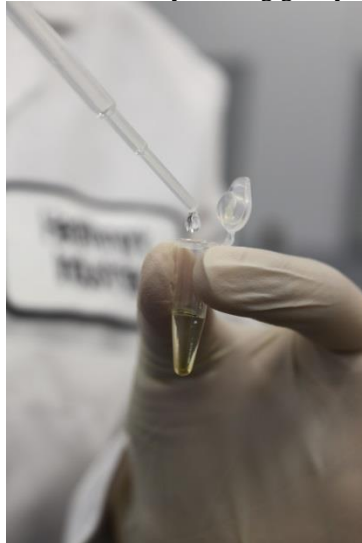
7. Draw up 0.5 mL of water.

Hint: Push pipette ball, then submerge into solution. Slowly release ball until you reach .5 ml. Then draw pipette from solution.



7. Add the 0.5 mL of water to the provided sterile cuvette with the growth

medium. Mix by shaking gently.



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



9. 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 in the supplied holder. Place in a refrigerator (approximate temperature of 4C) for 15 minutes. Remove from refrigerator at 15 minutes and continue on to step 11.



10. Before adding Reagent A, switch the power source of the fluorometer at the upper right corner to "ON".



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



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



13. Immediately proceed to the next steps for testing.

INSTRUCTIONS FOR THE FLUOROMETER

14. Place the cuvette in the fluorometer, the hinge of the cuvette should be pointing towards the screen, and place the black cap firmly on the fluorometer.



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



16. Press **“CH 360”**.



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="576 541 1531 604">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"> <li data-bbox="592 604 1531 724">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 endoscope and retest, insuring that sufficient time for cooling has occurred, according to the IFU. <li data-bbox="592 724 1531 877">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 endoscope 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 scope as such debris should not be present in a clean endoscope.
Documentation	Record results
Special Warnings and Cautions	<ul style="list-style-type: none"> <li data-bbox="592 1035 1531 1098">• Follow the endoscope manufacturer’s IFU for drying procedures of the flexible endoscope. <li data-bbox="592 1098 1531 1255">• A negative test result does not insure the endoscope 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 reprocessing process. <li data-bbox="592 1255 1531 1350">• 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. <li data-bbox="592 1350 1531 1381">• Turn off the machine after use. <li data-bbox="592 1381 1531 1444">• Always use proper plugs that are meant for that particular device. Switching incubator and fluorometer plugs can cause a fire.
Disposal	<ul style="list-style-type: none"> <li data-bbox="592 1444 1531 1474">• 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	EndoCheck™ for Blood, EndoCheck™ for Protein, ChannelCheck™, FlexiCheck™
Other Product Support Documents	
Reference Documents	
Customer Service contact:	Healthmark Industries Company, Inc 33671 Doreka Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com

2017-11-20 Ralph J Basile