

HangTimeKit™ Instructions for Use

Healthmark Industries introduces a new fluorometric diagnostic system that can be used to provide a fast diagnosis of low levels of gram negative bacteria , in 10 minutes.

The **HangTimeKit™** works by detecting an enzyme mechanism typical to the gram negative bacteria. The Fluorometer reads the fluorescence tagged to the gram negative bacterial enzymes and gives a reading corresponding to the amount of enzyme detected, which in turn relates directly to the number of gram negative bacterial cells present.

Now you can screen flexible scopes, which have been processed and stored. The **HangTimeKit™** can help you identify inadequately reprocessed flexible endoscopes that have been stored.

Testing Procedure



1. Pick a scope that has been in storage that you suspect might have an issue.
2. Using at least a 20ml syringe, fill with 5ml of sterile-DI water and 15ml of air.
3. Flush the channel (lumen, like a biopsy port) with the sterile-DI water followed by the air that is still in the syringe.
4. Recapture water in the provided zip-lock bag.
5. With the provided sterile pipette, draw up 1 ml of water by squeezing the bulb on top of the pipette (this will draw the sample into the pipette).
6. Add two drops (50 μ L) of the supplied Reagent to the supplied cuvette.



7. From the pipette, fill the supplied cuvette to the fill line with the recaptured water (water sample, apprx 150 μ L). Close lid of the cuvette.

8. Gently squeeze the bottom of the cuvette to help mix the reagent with the sample water.



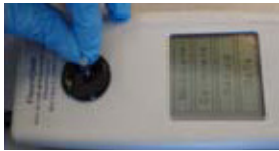
9. Holding test vial upright, shake to remove bubbles from the solution (bubbles will interfere with the reading of the fluorescence and may produce inaccurate test results).



10. Turn on the fluorometer



11. Remove the black cap from the fluorometer.
12. Place the cuvette in the fluorometer, line up the pointy side of the cuvette with the black line in the reader.



Now replace the black cap on the fluorometer.



13. On the screen, punch "Measure".



14. On the screen punch "Blank".



15. On the screen punch "Measure"



16. Wait 10 minutes.

17. After 10 minutes, push "Measure".



18. Any number above "0" indicates contamination and requires reprocessing (all the steps, cleaning and high level disinfection, alcohol flush and air purge).
19. Dispose of the pipette and zip lock sample bag in an approved biohazard container.