

L. monocytogenes

Listeria

Listeria Isolation Transwab®

Easy to use early warning test
for *Listeria* contamination in food
production premises.

- Simple colour change indicates contamination.
- No colour change means it's clear!
- Self-contained swab test. No other reagents to add.
- Ideal for control of critical points in the supply and manufacturing chain.
- Room temperature storage.
- One year shelf-life.
- Forms part of HACCP and GMP programmes.



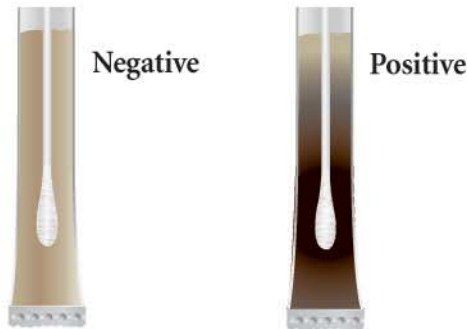
Listeria Isolation Transwab®



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Medical Wire's Listeria Isolation Transwab® is intended as a simple screening tool for the detection of Listeria contamination in food production areas. The test is self-contained*, with an easily seen colour change providing the yes-or-no answer within 48 hours.

Swab samples can be collected from the environment, such as work surfaces, walls, pipes, drains, and personnel, and also from the foodstuff itself. The swab is simply placed in the tube of straw-coloured semi-solid medium, and incubated at 37°C for up to 48 hours. The presence of Listeria is indicated by the development of a black-brown precipitate.



Basis of Test

The Listeria Isolation Transwab® uses an enhanced aesculin medium formulation. Listeria hydrolyses aesculin to produce a black/brown precipitate. Selective inhibitors in the medium prevent the growth of other bacteria, so that only Listeria will grow and produce a precipitate.

*Some simple means of incubation at 37°C is required.

Method of Use

1. Peel back wrapper to expose both caps
2. Remove swab and sample test site by rubbing swab over as large an area as practicable.
3. Remove cap of culture tube, and discard. (The cap can normally be removed using thumb and forefinger.)
4. Insert swab in culture tube. Push down fully to immerse the swab completely, and ensure secure seal between cap and tube.
5. Write time, date and site details on the tube label.
6. Incubate as 37°C for up to 48 hours.
7. Read results. A positive result is indicated by a colour change in the medium from light straw brown to black or dark brown. A negative result is indicated by no colour change.
8. Record results and dispose of tube.

Shelf Life and Expiry Date

12 month shelf life, expiry date is on the tube, pouch and outer carton.

Storage

Store in a dry place, 5°C (40°F) to 25°C (77°F). Do not freeze.

Sterilisation

Listeria Isolation Transwab® has been sterilised by irradiation.



Code	Description	Quantity
MW 570/25	Listeria Isolation Transwab®	25 Tests
MW 570/125	Listeria Isolation Transwab®	125 Tests

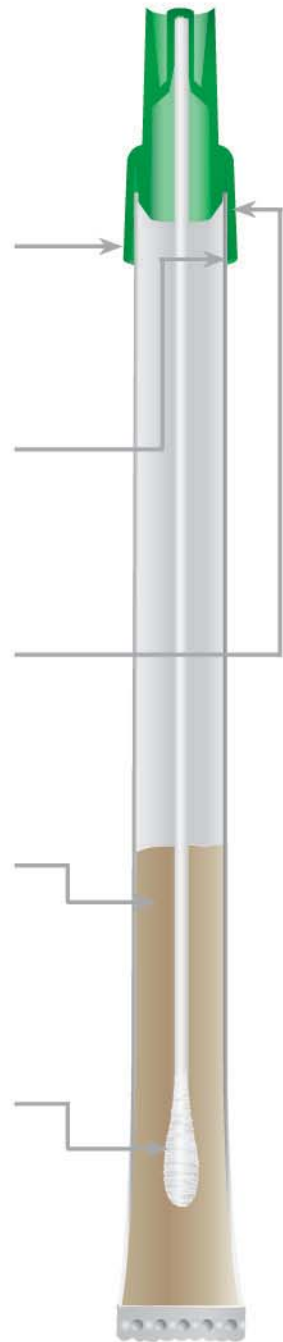
Unique Safety "Bell Cap": preventing the user's fingers coming into contact with swab or transport tube.

Dual action "Bell Cap" ensures containment of specimen.

Shrouded Safety bell cap tightly grips the inside and outside of the tube.

Enhanced aesculin medium formulation provides visual positive/negative results.

Swab enhances the recovery of Listeria and provides both good absorption and release of sample



References

1. Anon. (1988). Foodborne Listeriosis. Report of a WHO Informal Working Group. *Bulletin of the World Health Organisation*, 66, 421-428
2. FSIS (2000). Revised Action Plan for Control of *Listeria monocytogenes* for the Prevention of Foodborne Listeriosis.
3. Turner, R. (1994). A study of MW570 Listeria Transwab, Personal Communication, Abtek Biologicals Ltd., Liverpool, UK
4. Jordan, A., Cutler, V., & Shedden, D. J. (2003). A self-contained test for *Listeria monocytogenes*. IFT International Food Safety and Quality Conference & Expo, Orlando FL, U.S.A.
5. Jordan, A., & Cutler, V., (2004). Evaluation of self-contained Listeria test for the Food, Dairy and Beverage industries, Poster 4100-2300P, Pittcon 2004, Chicago, IL, USA.

Dealer stamp

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