
Listeria Rapid Test

Cat.No: DTS602

Lot. No. (See product label)

Storage

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the foil pouch. **DO NOT FREEZE.** Do not store the test kit in direct sunlight.

Intended Use

Listeria Rapid Test is a sandwich lateral flow immunochromatographic assay for the qualitative detection of Listeria in food sample.

LOD: 1×10^4 cfu/mL

Assay Time: 10 - 15 min

Principle Of The Test

Listeria Rapid Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window. The testing window has an invisible T (test) zone and C (control) zone. When sample is applied into the sample hole on the device, the liquid will laterally flow on the surface of the test strip. If there is enough Listeria in the sample, a visible T band will appear. The C band should always appear after a sample is applied, indicating a valid result. By this means, the device can accurately indicate the presence of Listeria in the sample.

Reagents And Materials Provided

10×foil pouches, each containing one cassette, one pipette and a desiccant

Assay Procedure

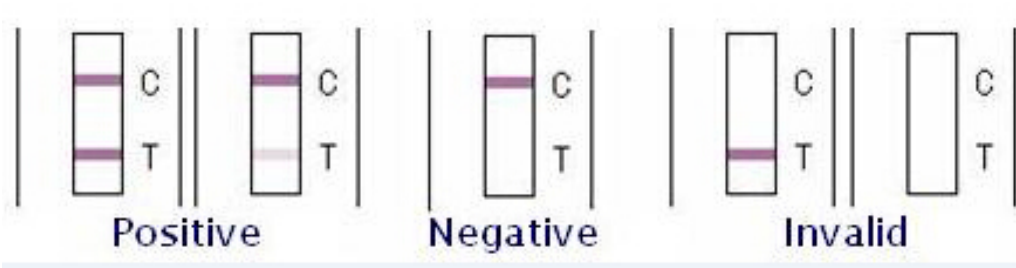
- 1 Incubation. Incubate the pre-enrich sample with enrichment broth, according to FDA suggested method or other well-established incubation method.
- 2 Transfer 2 mL of incubated sample broth into a glass tube and boil for 5 minutes. Cool the samples to room temperature.
- 3 Take out the cassette from the foil pouch and place it horizontally.
- 4 Suck the boiled sample broth and drip 3 drops into the assay sample hole.
- 5 Interpret the result in 10 - 15 minutes. Result after 15 minutes is only considered as reference.

Interpretation Of Results

Positive: The presence of both C band and T band, no matter T band is clear or vague.

Negative: Only clear C band appears.

Invalid: No colored band appears in C zone, no matter whether T band appears.



Precautions

- For best results, please strictly adhere to these instructions.
- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not reuse the test kit.
- Do not use the test beyond its expiration date marked on the foil pouch.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers

Limitations

Listeria Rapid Test is for in vitro testing only. For an accurate result, It is suggested to apply other method such as PCR for final determination in practice.