GOLD STANDARD DIAGNOSTICS

Microgen Listeria-ID

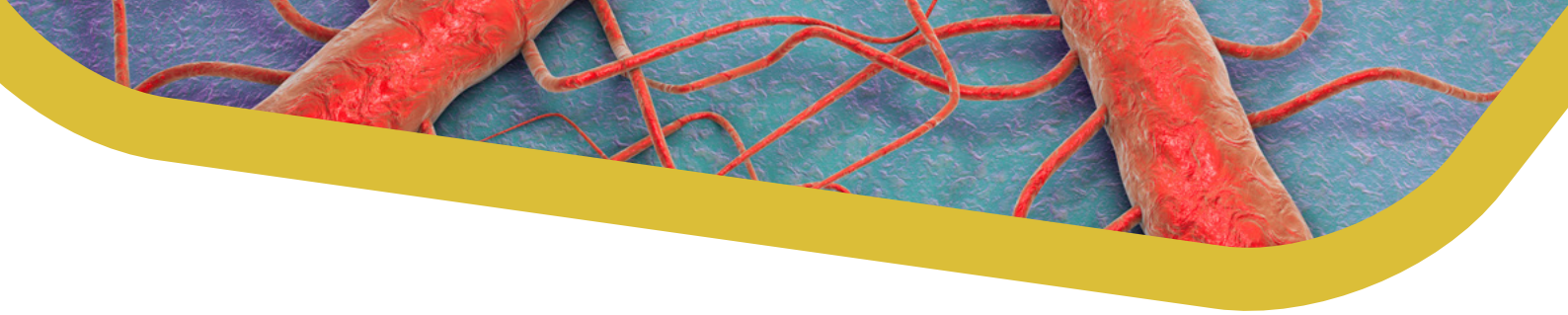
Microgen Listeria-ID has been designed to enable laboratories to properly identify and differentiate *Listeria* spp. species when sampled from a single colony isolated on selective agar plates.

Microgen Listeria-ID has optimised the differentiation of haemolytic and non-haemolytic *Listeria* spp. by improving the readability of the micro-haemolysis reaction, which eliminates the need to sub-culture from selective agar or perform a CAMP test.

The readability of a negative haemolysis reaction has been improved; if an organism does not produce haemolysin, the red blood cells will remain intact and form a distinct red pellet. If an organism does produce haemolysin, the red cells will rapidly be lysed and cellular contents released as a red/brown solution, indicating a positive result.

Key Benefits

1. A complete identification system - additional materials not required.
2. Enhanced built-in haemolysis test - CAMP test not required.
3. Inoculated directly from selective media (no sub-culturing before inoculation).
4. Validated for chromogenic media.
5. Substrates included conform to all international standards.



An Identification System for *Listeria* spp.

Microgen Listeria-ID employs 12 standardised microwell substrates combined with the Microgen Identification System Software to identify the following members of the genus *Listeria:*

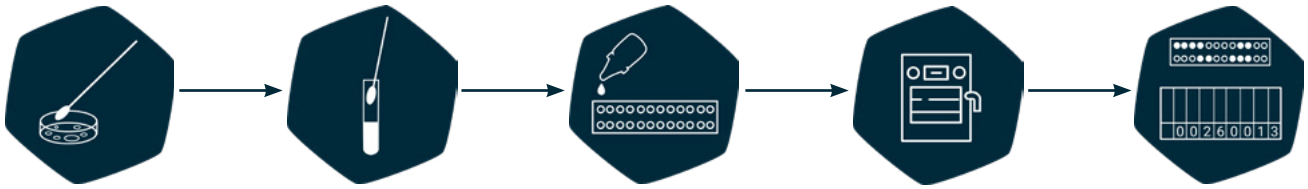
- *Listeria monocytogenes*
- *Listeria welshimeri*
- *Listeria ivanovii*
- *Listeria innocua*
- *Listeria grayi*
- *Listeria seeligeri*

The above organisms can be identified directly from selective agar or non-selective agar using Microgen Listeria-ID. Identification is achieved using all the tests recommended in international standard methods for the identification of Listeria spp,. without the need for additional confirmatory tests.

How To Use Microgen Listeria-ID

All systems utilise an identical test principle:

1. Select a single, well-isolated colony.
2. Emulsify in Listeria suspending broth.
3. Unfold the MID system (do not throw away the sealing) and add 3-4 drops of the suspension on each well (100-125 µL). Add 1 drop of haemolysin reagent (well 12).
4. Foil it back and incubate it (35-37 °C for 18-24 h).
5. Identify the bacteria by reading the colour permutations and creating a code. Interpret using Microgen Identification System Software.



Ordering Information

Product	Article No.	Quantity	Storage
Microgen Listera-ID	MID67	20 tests	2-8°C
Microgen Identification System Software	MID60	-	-

GOLD STANDARD DIAGNOSTICS

Gold Standard Diagnostics
contact@eu.goldstandarddiagnostics.com • www.goldstandarddiagnostics.