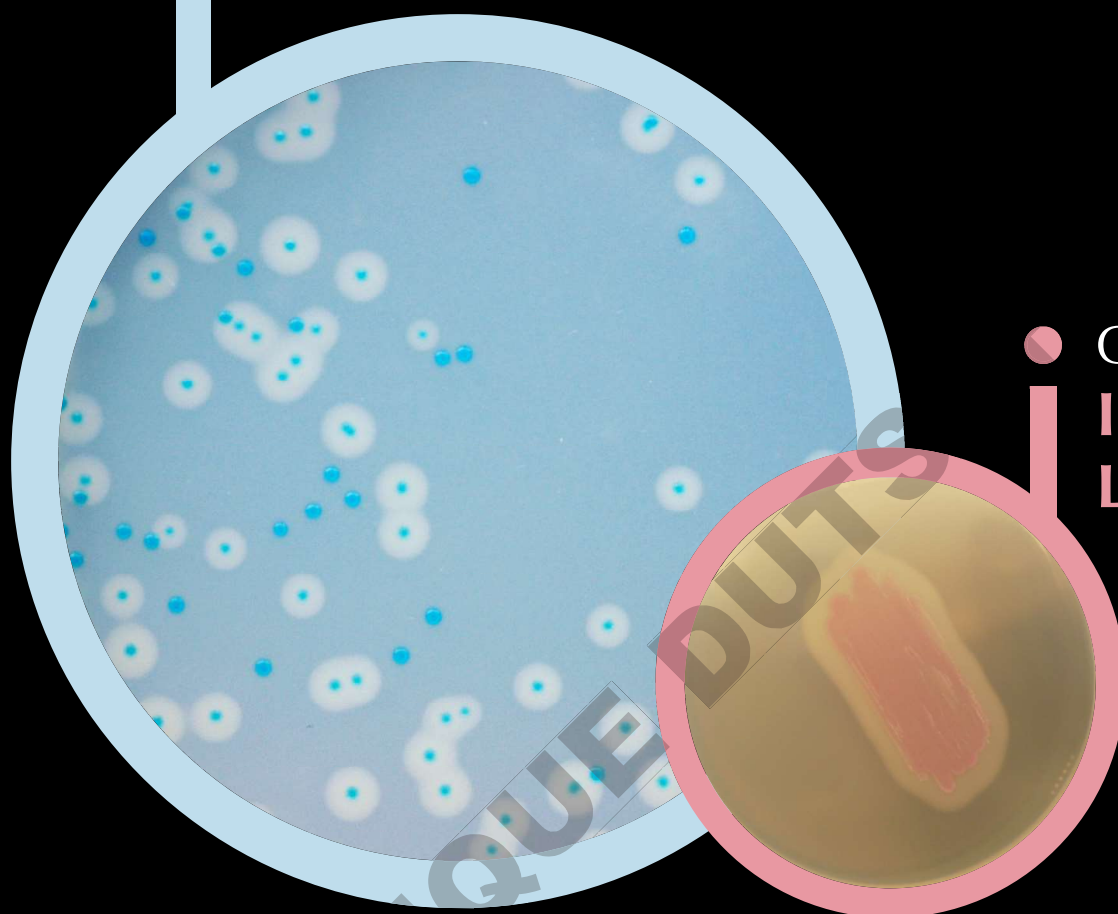


● CHROMagar™ Listeria



● CHROMagar™
Identification
Listeria

For detection, enumeration and confirmation
of *Listeria monocytogenes*

● CHROMagar™ Listeria Method

www.CHROMagar.com

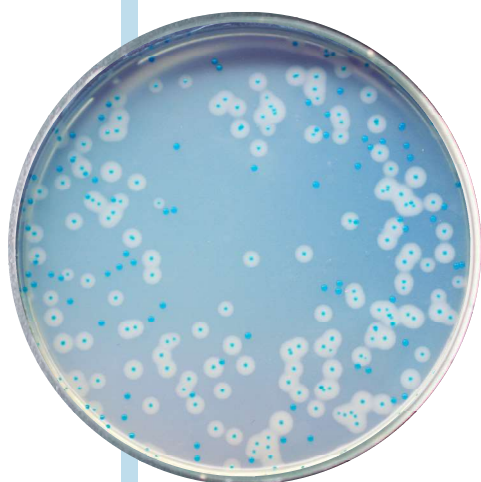


Plate Reading

- *L. monocytogenes*
→ blue, diameter less than 3 mm,
regular and white halo

CHROMagar™ Listeria Method

Listeria monocytogenes is a widespread bacteria, present in the soil, sewage or faecal matter. Its ability to form listerial biofilms on contact surfaces makes it difficult to eliminate. This pathogen can cause serious food poisoning and is therefore frequently a microbial Q.C. target in food processing facilities to avoid food contamination. Contamination can occur at all steps of the food manufacturing chain from raw materials to place of consumption.

CHROMagar™ has developed a **rapid method for the detection of *L. monocytogenes*** in food stuff, comprising the following simple steps (1) enrichment in half frazer broth for 24h, (2) isolation in CHROMagar™ Listeria, (3) confirmation of *Listeria monocytogenes* species in CHROMagar™ Identification Listeria.

CHROMagar™ Listeria Method vs ISO 11290 Method:

	CHROMagar™ Listeria Method	ISO 11290 Method (classical)
Number of Enrichments	1 for 24 h	2 = total 48 h
Number of plates Incubation	1 plate for 24 h	4 plates for 24 h & 48 h
Number of confirmatory tests	1 test	7 tests
<u>Time to result:</u> Negative results Positive results	After 2 days After 3 days	After 5 days After 7 days

CHROMagar™ Listeria

For detection and numeration of *Listeria monocytogenes*

Medium Performance

CLEAR READING

Since *L. monocytogenes* and *L. innocua* have similar biochemical properties, they cannot be differentiated on traditional media (Palcam, Oxford). CHROMagar™ Listeria helps to easily differentiate *Listeria monocytogenes* from other *Listeria* directly at the isolation step: the colonies are blue and surrounded by a white halo due to a specific phospholipase activity.

CHROMagar™ Identification Listeria

For confirmation of *L. monocytogenes* species from suspect colonies on CHROMagar™ Listeria

Medium Performance

SIMPLICITY/QUICK RESULTS

Classical confirmatory tests for the *L. monocytogenes* species include many tedious and time consuming steps (purification + catalase + haemolysis + dextrose + rhamnose + xylose...) CHROMagar™ Identification Listeria simplifies the species confirmatory step and reduces the workload, hence improves the efficiency of the laboratory.

A single spot of a suspect colony out of **CHROMagar™ Listeria** directly put onto **CHROMagar™ Identification Listeria**, will provide confirmation of *L. monocytogenes* species within 24 hours.

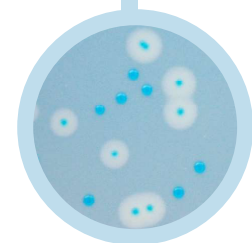
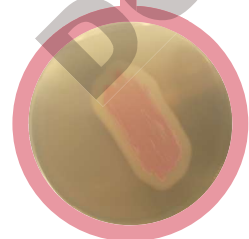


Plate Reading

- *L. monocytogenes*
→ rose surrounded
by a white halo



Order References

Please use these product references when contacting your local distributor:

CHROMagar Listeria :

5000 mL pack LM852

CHROMagar Identification Listeria : 1 X 250 mL pack LK970

Manufacturer: CHROMagar

4 place du 18 juin 1940 75006 Paris - France

Email: CHROMagar@CHROMagar.com

Website: www.CHROMagar.com

Find your nearest distributor on

www.CHROMagar.com/contact