

Microgen® Rap-ID L.mono™

Rapid Confirmation of *L.monocytogenes* isolated on chromogenic agar plate media.

- A complete confirmation system, no additional materials required
- Simple to use, no training required
- Rapid results – 100% confirmation of *L. monocytogenes* within 4 hours from a single 24 hour colony
- Works on colonies isolated on all types of chromogenic media
- Reactions clear and easily read
- Testing performed on a single colony

Rap-ID L.mono™ is a single tube, rapid biochemical test used for the confirmation of colonies resembling *L. monocytogenes* grown on chromogenic media such as ALOA or RAPID Lmono™ agar.

Easy to use
No additional materials
required
Rapid, same day results



All standard methods require the performance of confirmatory tests to ensure that isolates on these media are *L. monocytogenes*. The Rap-ID L.mono™ confirms the identification of colonies resembling *L. monocytogenes* isolated on all chromogenic media from a single colony within 4 hours.

The Rap-ID L.mono™ positive results may appear as early as 2 hours after incubation, but all tests should be incubated up to 4 hours before final reading is performed.

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The Rap-ID L.mono™ utilizes a chromogenic substrate that uniquely differentiates between *L. monocytogenes* and *L. ivanovii*.

Performance

A total of 113 cultures of *Listeria* spp. were cultured onto ALOA Agar plates and incubated at 37°C for 24 hours. After incubation the colony morphology was recorded (halo formation). A single colony was inoculated into Rap-ID L.mono™ and incubated at 37°C for 4 hours before reading.

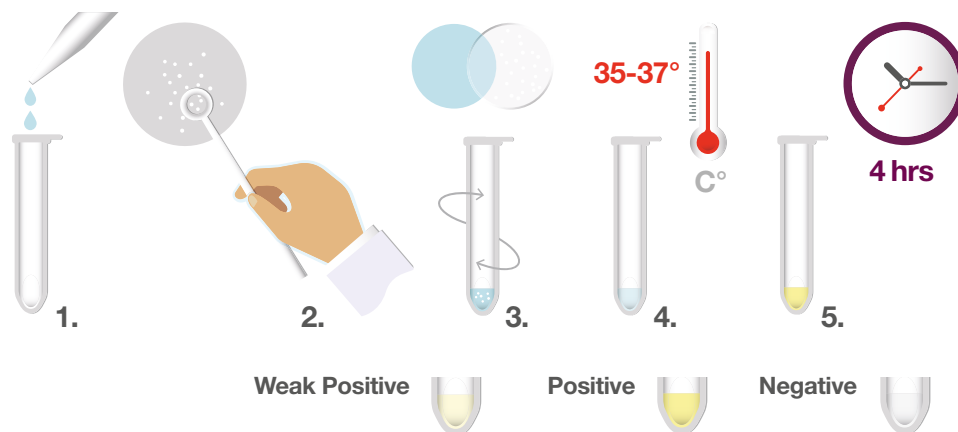
A. The Rap-ID L.mono™ results were considered to be correct if they agreed with the conventional biochemical test result.

B. The final identification was based on whether the organism being tested grew with green/blue colonies with or without a halo typical of *L. monocytogenes* and whether the Rap-ID L.mono™ test was positive or negative.

	No. Isolates	Aloa HALO CORRECT	Rap-ID L.mono™ CORRECT (4HR)	Percentage Agreement
<i>L. seeligeri</i>	12	12	12	100%
<i>L. ivanovii</i>	5	5	5	100%
<i>L. welshimeri</i>	15	15	15	100%
<i>L. innocua</i>	22	22	22	100%
<i>L. monocytogenes</i>	51	51	51	100%
<i>L. grayi</i>	8	8	8	100%
TOTAL	113	113	113	100%

Procedure

1. Add 50µl or 2 drops of sterile isotonic saline.
2. Remove the colony from the agar surface and transfer into the Rap-ID L.mono™ assay tube.
3. Mix thoroughly.
4. Transfer to a 35 - 37°C incubator.
5. Incubate for 4 hours.



Ordering Information:

Code	Description	Size	Storage
RAP01	Microgen® Rap-ID L.mono™	96 tests	2 - 8°C

RAPID L.mono™ is a Registered Trademark of Bio-Rad.

Distributed by:

If you need any further information on any of the above tests please contact Microgen Bioproducts Ltd.

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