

New, improved **InSite *Listeria*** is more selective for target species



InSite *Listeria* screens for *Listeria* species. It is used on food contact surfaces, including processing equipment after cleaning to detect *Listeria*. The test is a self-contained swab device with selective growth medium that inhibits most non-*Listeria* microorganisms and provides nutrients to support *Listeria* growth so it can be measured easily and quickly. Darkening of media to grey/black after 24-48 hours at 37°C indicates a presumptive positive result for *Listeria* spp.

New formulation selects *Listeria* from non-*Listeria*

New InSite *Listeria* reduces presumptive positives from non-*Listeria* that could survive and grow in previous InSite *Listeria* tests. A new study by Hygiena evaluated the new test's ability to detect *Listeria* species as well as select against non-*Listeria*.

Both devices demonstrated a presumptive positive color change for all *Listeria* species tested (**Table 1**). This is consistent with AOAC-RI certification for InSite media and AOAC-RI certification of new InSite *Listeria*.



Table 1. New InSite *Listeria* is inclusive for all tested *Listeria* species

Genus species strain	New InSite <i>Listeria</i> (ILC050/ILC100) Result
<i>L. monocytogenes</i> ATCC 19115	+
<i>L. monocytogenes</i> ATCC 19118	+
<i>L. monocytogenes</i> ATCC 7644	+
<i>L. monocytogenes</i> ATCC BAA-751	+
<i>L. monocytogenes</i> ATCC 13932	+
<i>L. innocua</i> NCTC 11288	+
<i>L. innocua</i> ATCC 33090	+
<i>L. welshimeri</i> ATCC 35897	+
<i>L. seeligeri</i> ATCC 35967	+
<i>L. ivanovii</i> ATCC 19119	+

Figure 1. New InSite *Listeria* detects far fewer non-*Listeria* species.

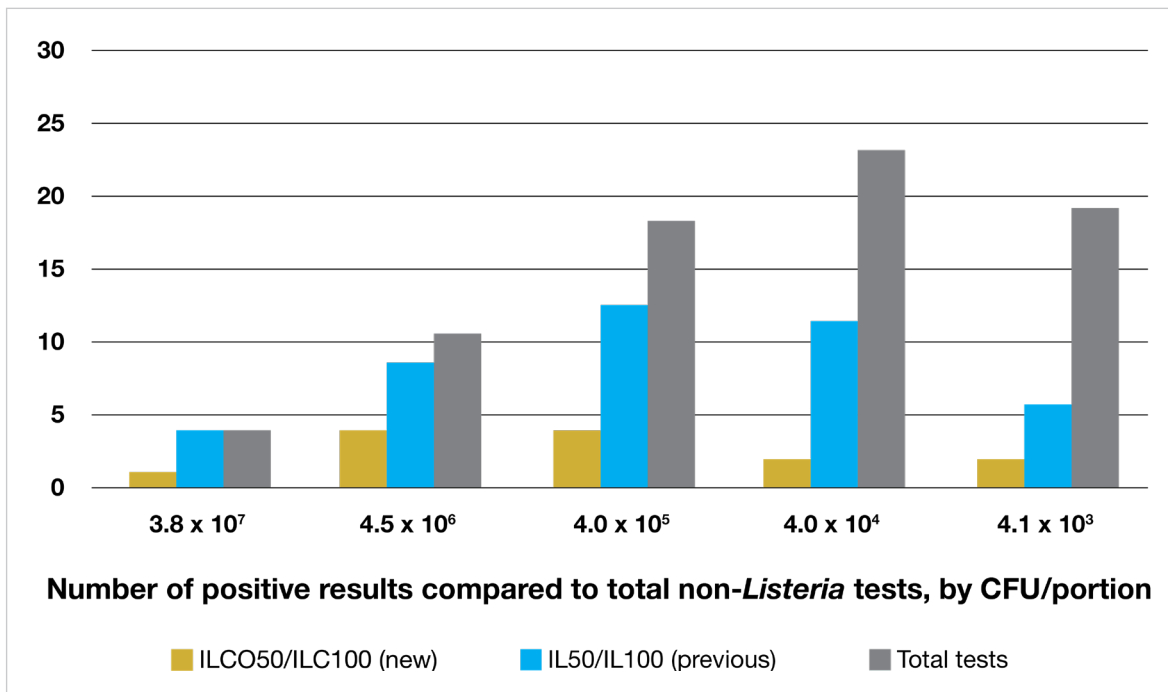


Figure 1 shows new InSite *Listeria* (ILC050) is more selective than InSite *Listeria* (IL50). Both devices detect a variety of *Listeria* species within 48 hours.

The new InSite *Listeria* better suppresses growth of a wide concentration of non-*Listeria* microorganisms, resulting in fewer presumptive positives that require follow-up. This releases product faster and reduces unnecessary product holds.