



Sampling Efficiency for PROs

Introducing enviroPRO™: Simultaneous detection of *Salmonella* & *Listeria* Species from environmental swabs

REDEFINING BEST-IN-CLASS

Unmatched Speed, Accuracy, & Efficiency

Invisible Sentinel's continued focus on innovation has led to the development of a new Real-Time (RT) PCR technology platform, Veripro™. This new platform incorporates reagents from our core system, Veriflow®, into an assay compatible with multiple RT-PCR instruments for the ultimate user experience. Veripro maintains the same robustness, speed to results, and ease of use of the Veriflow platform, but leverages RT-PCR's multiplexing capability and takes advantage of the platform's capacity for high throughput analyses.

EnviroPRO features a multiplexed configuration that simultaneously detects *Salmonella* species and *Listeria* species from environmental swabs. By combining these assays into one tube, it provides both cost-savings and a streamlined workflow to the end-user. The best-in-class workflow eliminates cumbersome DNA purification steps and reduces hands-on time. A simplified data analysis approach enables concise results interpretation and the resulting data can be exported for integration into LIMS systems. Ultimately, enviroPRO is designed to empower rapid and effective quality decisions.

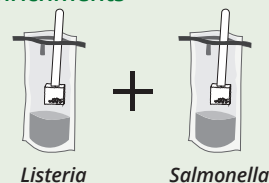
For more information or to place an order, please contact Invisible Sentinel at 215.966.6118 or www.invisiblesentinel.com

Environmental Sample Test Protocol

ENRICH

After a one-step, standard 24 hour enrichment, transfer 250 µl of *Salmonella* & *Listeria* enrichments to cluster tubes or 1.5ml tube.

Standard, One-Step Enrichments



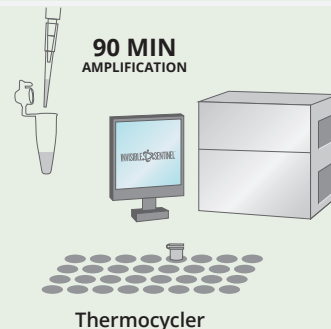
COMBINE SAMPLES

- No sample preparation
- No heating
- No chilling
- No lysis







AMPLIFY & DETECT

Transfer 5µl of sample into provided amplification tube. Place tube into thermocycler and run program. Results can be monitored in real-time and data interpretation is simple. Results are able to be exported in file formats compatible with LIMS systems.



Protect your brand with the most robust microbial detection tools in the food industry



Target	Time to Results	Matrices	Approvals/Validation
Veriflow® <i>Salmonella</i> species	18 hours	Raw and cooked poultry, poultry carcass rinsates, environmental surfaces (including stainless steel, sealed concrete, plastic and ceramic tile) milk, hot dogs, deli meats, fish, nut butters, confectionery products, spices, whey protein powder	 <small>PERFORMANCE TESTED</small> AOAC <small>RESEARCH INSTITUTE</small> <small>LICENSE NUMBER 011404</small>
Veriflow® <i>Listeria monocytogenes</i>	24 hours	Cooked poultry, environmental surfaces (including stainless steel, sealed concrete, plastic and ceramic tile) milk, hot dogs, deli meats, fish, confectionery products	 <small>PERFORMANCE TESTED</small> AOAC <small>RESEARCH INSTITUTE</small> <small>LICENSE NUMBER 051304</small>
Veriflow® <i>Listeria</i> species	24 hours	Environmental surfaces (including stainless steel, sealed concrete, plastic and ceramic tile) milk, hot dogs, deli meats, candies	 <small>PERFORMANCE TESTED</small> AOAC <small>RESEARCH INSTITUTE</small> <small>LICENSE NUMBER 121302</small>
enviroPRO™	24 hours	Simultaneous detection of <i>Listeria</i> & <i>Salmonella</i> Species from environmental surfaces (including stainless steel, sealed concrete, plastic and ceramic tile)	 <small>PERFORMANCE TESTED</small> AOAC <small>RESEARCH INSTITUTE</small> <small>LICENSE NUMBER 061801</small>