



Ampliora 3.5 Salmonella spp., L. monocytogenes and Listeria spp. SPID

Ready-to-use multiplex real-time PCR kit for the simultaneous detection and identification of *Salmonella* spp., *Listeria monocytogenes* and *Listeria* spp.

INTENDED USE

Qualitative detection and identification of *Salmonella* spp., *Listeria monocytogenes*, and *Listeria* spp in enriched samples of deli meats, cured meats dairy, frozen vegetables and surfaces. Intended for use in low or high-complexity microbiology and food safety laboratories.

MAIN INDUSTRIES



Food safety  
laboratories



Microbiology  
laboratories



Enviromental

PRINCIPLE

Ampliora 3.5 Salmonella spp., L. monocytogenes and Listeria spp. SPID is a real-time PCR kit for the simultaneous detection and identification of *Salmonella* spp., *Listeria monocytogenes* and *Listeria* spp in recovered DNA from enriched samples. Pathogens are detected and identified by real-time PCR using fluorescent probes for the specific recognition of each sequence.

TABLE 1. TECHNICAL SPECIFICATIONS

Microorganisms	<i>Salmonella</i> spp., <i>Listeria monocytogenes</i> and <i>Listeria</i> spp.
Performance	LoD: 10 <sup>0</sup> EGC/μL of <i>Listeria</i> spp and <i>Listeria monocytogenes</i> . 10 <sup>1</sup> EGC /μL of <i>Salmonella</i> spp.
Validated matrices	Enriched samples of deli meats, cured meats, dairy, frozen vegetables and surfaces.
Time	Enrichment: 24 to 27 hours PCR: 2 hours
Technology	Real-time PCR
Detection chemistry	Fluorescent probes Detection channels FAM [ <i>Salmonella</i> spp], HEX [ <i>Listeria monocytogenes</i> ], ROX [ <i>Listeria</i> spp] and Cy5 [Internal control]

KIT CONTENT

- 12 preloaded PCR strips
- 1 tube of Positive control TAAG F35 - 100 μl
- 1 tube of Negative control - 352 μl

STORAGE

- Store between -25°C to -15°C
- Shelf life: 6 months
- Protect from direct light exposure

AWARDS AND CERTIFICATIONS

- Manufactured under an ISO 13485:2016 certified quality management system

## ORDER INFORMATION

Catalog #	Product	Size
V-SF59	Ampliora 3.5 Salmonella spp., L. monocytogenes and Listeria spp. SPID	12 PCR strips 100 µL - 96 reactions

## ORDER INFORMATION - ADDITIONAL SUPPLIES

Catalog #	Product	Size	Description
V-FP26	Augmentis 1 Listeria	1 jar - 500 g	Dehydrated selective enrichment medium for the growth of <i>Listeria</i> spp.
V-FE20-1	TAAG E92 Buffered Peptone Water	1 jar - 500 g	Universal enrichment culture medium for growth of <i>Salmonella</i> spp and <i>Escherichia coli</i> .
V-EQ19	Nucleia 2 Tez-Q Plus	96 tubes Tez-Q 5 bottles - 10 mL resuspension solution	Bacterial DNA extraction kit from enriched food samples and different matrices

This product is subject to TAAG Technologies' Terms and Conditions, which you can find at <http://www.taag-genetics.com/terms>

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