

Ampliora 2.3 *Listeria* spp. and *L. monocytogenes* SPID

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

INTENDED USE

Qualitative detection and identification of *Listeria* spp. and *Listeria monocytogenes* in food, beverages, handlers, environment and/or surface samples. Intended for use in low or high-complexity microbiology and food safety laboratories.

MAIN INDUSTRIES



Food safety
laboratories



Microbiology
laboratories



Environmental

PRINCIPLE

Ampliora 2.3 *Listeria* spp. and *L. monocytogenes* SPID is a real-time PCR kit for the simultaneous detection and identification of *Listeria* spp. and *Listeria monocytogenes* 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>Listeria</i> spp. and <i>Listeria monocytogenes</i>
Perfomance	LoD 10 ⁰ EGC/μL
Validated matrices	Food, beverages, surfaces, handlers and environmental samples
Time	Enrichment: 24 ± 2 hours PCR: 70 minutes
Technology	Real-time PCR
Detection chemistry	Fluorescent probes
	Detection channels FAM [<i>Listeria</i> spp.], HEX [<i>Listeria monocytogenes</i>] and ROX [Internal Control]

KIT CONTENT

- 12 Preloaded PCR strips
- 1 tube of positive control TAAG F23H
- 1 tube of negative control

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-SF46	Ampliora 2.3 <i>Listeria</i> spp. and <i>L. monocytogenes</i> SPID	12 PCR strips 100 µL - 96 reactions

ORDER INFORMATION – ADDITIONAL SUPPLIES

Catalog #	Product	Size	Description
V-TB09	Collectio 1 NeutroSampling RTU	100 tubes - 10 mL + 100 swabs	Surface sample collection connected with TxA app for dynamic sampling
V-FE14-1	TAAG E13 Universal <i>Listeria</i>	1 jar - 500 g	Dehydrated selective enrichment media for the growth of <i>Listeria</i>
V-EQ19	Nucleia 2 Tez-Q Plus	96 tubes Tez-Q 5 bottles – 10 mL resuspension solution	Two-step bacterial DNA extraction kit

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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