

## Elevia 1.1 Salmonella spp. SPID

Ready-to-use RT-qPCR kit for the qualitative detection of *Salmonella* spp. in food and surface samples.

### INTENDED USE

Qualitative detection of *Salmonella* spp. in cocoa matrix samples and surface samples. Intended for use in food safety laboratories and high or low complexity microbiology laboratories.

### MAIN INDUSTRIES



Food safety  
laboratories



Microbiology  
laboratories

### PRINCIPLE

Elevia E1 Salmonella spp. SPID is an RT-qPCR kit designed for the detection of *Salmonella* spp. in cocoa-enriched and surface samples. The process combines the conversion of RNA into cDNA through reverse transcription, followed by real-time amplification using specific fluorescent probes to ensure high sensitivity and specificity.

**TABLE 1. TECHNICAL SPECIFICATIONS**

Microorganisms	<i>Salmonella</i> spp.
Validated matrices	- 62% cocoa chocolate - Stainless steel
Limit of detection (LoD)	5x10 <sup>0</sup> genomic copies/μL
Sensitivity	Cocoa sample post-enrichment: 1 CFU/ 375 g
Time	PCR: 85 minutes
Technology	RT-qPCR
Detection chemistry	Reverse Transcription Fluorescent probes Detection channel FAM [ <i>Salmonella</i> spp.]

### KIT CONTENT

- 12 prefilled PCR strips
- 1 tube of Elevia E1 Positive Control – 100 μL
- 1 tube of Negative Control – 352 μL

### STORAGE

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

### AWARDS AND CERTIFICATIONS

- Manufactured under ISO 13485:2016 certified quality management systems.

## ORDER INFORMATION

Catalog #	Product	Format
V-FSP02	Elevia 1.1 Salmonella spp. SPID	12 PCR strips 100 µL - 96 reactions 1 tube of Elevia E1 Salmonella spp Positive Control – 100 µL 1 tube of Negative Control – 352 µL

## ORDER INFORMATION - ADDITIONAL SUPPLIES

Catalog #	Product	Content	Description
V-FE20	Augmentis 91 BPW	1 jar – 500 g 1 container – 10 kg	Universal enrichment culture medium for growth of <i>Salmonella</i> spp. and Escherichia coli.
V-PET01	Potentia 1 Salmonella spp.	1 bottle – 25 g	Product designed to promote the recovery and enhance the growth of <i>Salmonella</i> spp. in cocoa matrix samples, prior to detection by biology molecular methods.
V-PET02	Clarixa 1 Cocoa	1 bottle – 50 mL	Kit designed for pretreatment prior to the extraction of nucleic acids from <i>Salmonella</i> spp. in cocoa matrix samples.
V-FX12	Magneus 1 Bacteria	6 plate – 96 reactions - 4 units – magnet protective cover	Extraction kit for <i>Lactobacillus</i> genus present in samples of sauce and fruit purees and <i>Salmonella</i> spp. present in cocoa samples.
V-MA05	Nucleia 5 Magnetic-Bacteria	1 bottle – 96 reactions – Lysis Buffer 1 bottle – 96 reactions – Magnetic beads 2 bottles – 96 reactions – Wash buffer 1 bottle – 96 reactions – Resuspension Solution	Nucleic Acid Extraction Kit for Bacteria present in food and surface samples.

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

## TAAG Technologies S.A.

Río Refugio 9641, Pudahuel, Santiago de Chile

Phone: +56 2 29 353216

Email: [customersupport@taag-tech.com](mailto:customersupport@taag-tech.com)

Web: <https://taag-technologies.com/>

