



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 ⁰ 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 *Salmonella* 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 *Salmonella* 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 *Salmonella* spp. in cocoa matrix samples.

V-FX12

Magneus 1 Bacteria

6 plate – 96 reactions -
4 units – magnet protective cover

Extraction kit for *Lactobacillus* genus present in samples of sauce and fruit purees and *Salmonella* 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.comWeb: <https://taag-technologies.com/>