



TAAG F41 VIP SPID

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

INTENDED USE

Qualitative detection and identification of *Salmonella* spp., *Staphylococcus aureus*, *Escherichia coli* and *Listeria monocytogenes* in enriched food, beverage, environmental and/or surface samples. Intended for use in low or high-complexity microbiology and food safety laboratories.

MAIN INDUSTRIES



Food safety
laboratories



Microbiology
laboratories



Enviromental

PRINCIPLE

TAAG F41 VIP SPID is a real-time PCR kit for the simultaneous detection and identification of *Salmonella* spp., *Staphylococcus aureus*, *Escherichia coli* and *Listeria monocytogenes* in recovered DNA from enriched samples. Pathogens are detected and identified by multiplex real-time PCR followed by melting curve analysis and automatic interpretation of results.

TABLE 1. TECHNICAL SPECIFICATIONS

Microorganisms	<i>Salmonella</i> spp., <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> and <i>Listeria monocytogenes</i>
Performance	Food samples: 1 CFU/25 g Surface samples: 1 CFU/100 cm ²
Validated Samples	Enriched food, beverage, environmental and/or surface samples
Time	Enrichment: 24 hours PCR: 2.5 hours
Technology	Real-time PCR and melting curve analysis
Detection Chemistry	Intercalating Fluorophore (FAM Detection Channel)

KIT CONTENTS

- Preloaded PCR plate(s) or strip(s)
- Positive control TAAG F - 100 µl
- Negative control - 352 µl

STORAGE

- Store between -25 °C to -15°C
- Shelf life: 9 months
- Protect from direct exposure to light

CERTIFICATIONS AND RECOGNITIONS

- Certified by AOAC by extension of License Number 072101
- Manufactured under an ISO 13485:2016 certified quality management system.

ORDER INFORMATION

Catalog #	Product	Size
V-FF02-1	TAAG F41 VIP SPID	1 PCR plate 100 µL - 96 reactions
V-FF02-2	TAAG F41 VIP SPID	12 PCR strips 100 µL - 96 reactions
V-FF02-5	TAAG F41 VIP SPID	60 PCR strips 100 µL - 480 reactions
V-FF02-6	TAAG F41 VIP SPID	1 PCR plate 100 µL - 480 reactions

ORDER INFORMATION – ADDITIONAL PRODUCTS

Catalog #	Product	Format	Description
V-TB09	Collectio 1 NeutroSampling RTU	100 tubes - 10 mL + 100 swabs	Surface sampling device integrated with TxA app platform for dynamic sampling
V-FP15	Augmentis 13 Universal <i>Listeria</i>	1 jar - 500 g	Dehydrated selective enrichment media for the growth of <i>Listeria</i> .
V-FP08	Augmentis 31 Universal Surfaces	1 jar - 500 g	Dehydrated enrichment medium for the growth of pathogens in surface samples
V-FP09	Augmentis 41 Universal Pathogens	1 jar - 500 g	Dehydrated enrichment medium for the growth of pathogens in food samples
V-FP25	TAAG E92 Buffered Peptone Water	1 container - 500 g	Dehydrated enrichment media for growing pathogens from surfaces and food samples.
V-EQ19	Nucleia 2 Tez-Q Plus	96 tubes of Tez-Q 5 bottles - 10 mL resuspension solution	Bacterial DNA extraction kit from enriched food samples and different matrices

Este producto se encuentra sujeto a los términos y condiciones de TAAG Technologies S.A., que pueden ser encontrados en <http://www.taag-genetics.com/terms>

TAAG Technologies S.A.

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