



It's easy to **be sure**

Thermo Scientific SureTect Real-Time PCR System
Food Pathogen Detection

It's better to be sure

Complete confidence, run after run

For rapid food pathogen detection enabling you to work efficiently and release products quickly, rely on the Thermo Scientific™ SureTect™ PCR System. Help safeguard the world's food supplies by transforming your complete food safety workflow with simple, rapid bacterial pathogen testing with a system validated for a broad range of matrices. With the SureTect PCR System, you will move forward confidently knowing you are helping protect consumers, your brand, and your bottom-line with a food pathogen testing system that delivers speed, accuracy, and reliability of results.



Choose the SureTect PCR System for rapid, accurate pathogen detection

Streamline operational actions through faster reporting compared to traditional culture- and ELISA-based methods for pathogen detection. The Thermo Scientific™ SureTect™ pathogen detection assays are validated to run on the Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR system (Applied Biosystems™ QuantStudio™ 5 Food Safety Instrument with Thermo Scientific™ RapidFinder™ Analysis Software). The QuantStudio 5 Food Safety Instrument is a high-performance benchtop platform, combining ease-of-use and system connectivity with powerful options that enable maximum data utility and control.

Benefit from the flexibility of a 6-channel, 96-well, cloud-enabled open platform suitable for running our full range of PCR solutions for food safety, authenticity, and quality testing.



Committed to protecting your brand

Choose the SureTect System for:

Simplicity:

- Single versus dual enrichment protocols for faster time-to-result and streamlined workflow
- Test for multiple targets from a single enrichment for maximum productivity
- Pre-dispensed reagents, reducing handling steps and risk of operational error
- Universal PCR conditions for detecting multiple targets in the same run
- 'Plug and play' ready-to-use instruments out of the box

Peace of mind:

- Validated for a broad range of targets and matrices according to AFNOR and AOAC certification requirements
- Fully supported by our dedicated and experienced technical teams

Flexible platform:

- Open instrument suitable for all our food safety, authenticity, and quality PCR tests
- Intuitive, user-friendly software, avoiding subjective interpretation
- Cloud-enabled, offering the potential for data sharing, analysis and trending
- Capacity for processing several hundred samples a day

Streamlined and rapid workflows

The simplicity of the SureTect System sample preparation means that 96-well runs can be prepared with just a few simple steps, enabling time savings compared to other manual and automated sample preparation systems.



Enrichment

Single enrichment step of 7-24 hours (depending on target and matrix)

Lysis

Direct lysis automatically carried out in Applied Biosystems™ SimpliAmp™ Thermal Cycler

Run & Read

Results automatically interpreted

Report/Confirm

Report PCR-negative results immediately and confirm PCR-positive results after overnight incubation

Dedicated service and support

Our service and support teams are comprised of highly-experienced scientists and engineers who are devoted to offering rapid response, best-in-class support. Our focus on providing quality products, on-time delivery and world class support is matched by our commitment to provide complete solutions that meet your food safety testing needs.

Extended service and support packages are available. From preventative maintenance to corrective services, from loan instruments to field application specialists, get dedicated, local support from the experts in real-time PCR.

	Order code	Description	Format
SureTect PCR Assays	A44251	Thermo Scientific™ SureTect™ Campylobacter jejuni, C. coli and C. lari PCR Assay	96 tests
	PT1060A	Thermo Scientific SureTect Cronobacter species PCR Assay	96 tests
	PT0400A	Thermo Scientific SureTect Escherichia coli O157:H7 PCR Assay	96 tests
	A45330	Thermo Scientific SureTect Escherichia coli STEC Identification PCR Assay	96 tests
	A44254	Thermo Scientific SureTect Escherichia coli O157:H7 and STEC Screening PCR Assay	96 tests
	PT0300A	Thermo Scientific SureTect Listeria monocytogenes PCR Assay	96 tests
	PT0200A	Thermo Scientific SureTect Listeria species PCR Assay	96 tests
	PT0100A	Thermo Scientific SureTect Salmonella species PCR Assay	96 tests
	A44255	Thermo Scientific SureTect Staphylococcus aureus PCR Assay	96 tests
	A44253	Thermo Scientific SureTect Vibrio cholerae, V. parahaemolyticus and V. vulnificus PCR Assay	96 tests
SimpliAmp Thermal Cycler (Lysis step)	A24811	Applied Biosystems SimpliAmp Thermal Cycler	Instrument
QuantStudio 5 Food Safety PCR System	A36328	Applied Biosystems QuantStudio 5 Food Safety Real-Time PCR System, 0.1 mL Block, Laptop*	System
	A36320	Applied Biosystems QuantStudio 5 Food Safety Real-Time PCR System, 0.1 mL Block, Desktop*	System
	A45710	Thermo Scientific RapidFinder Analysis Software v1.1	Request access**
	N/A	Thermo Scientific SureTect Kit Files	Download**
	A45218	Applied Biosystems™ QuantStudio™ 5 Spectral Calibration Plate (Cy® 5.5 dye) (required for SureTect STEC Identification PCR Assay)	96-well, 0.1 mL
Service & Support Packages	SCQS5FAST	Applied Biosystems™ Assurance Service Plan - additional 1 year warranty cover with instrument loan	1 year cover