

food safety



It's easy to be sure

Thermo Scientific SureTect Real-Time PCR System
Rapid Food Pathogen Detection

ThermoFisher
SCIENTIFIC

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™ Real-Time PCR System. Help safeguard the world's food supplies by transforming your food safety workflow with simple, rapid bacterial pathogen testing on a system validated for a broad range of matrices. Choose the SureTect Real-Time PCR System, and 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 real-time PCR 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) which provides a platform for easier testing. 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 Pathogen Detection System for:

Simplicity:

- Single enrichment protocols for faster time-to-result and streamlined workflow
- Pre-dispensed reagents, reducing handling steps and risk of operational error
- Universal PCR protocols for detecting multiple targets in the same run
- Intuitive, user-friendly software, avoiding subjective interpretation
- 'Plug and play' ready-to-use instruments out of the box

Peace of mind:

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

Flexible platform:

- Open instrument suitable for all our food safety, authenticity, and quality PCR tests
- Cloud-enabled, offering the potential for data sharing, analysis and trending
- Capacity for processing several hundred samples a day – over 700 tests in an eight hour shift

Streamlined and rapid workflows

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



Enrichment

Enrich samples in accordance with validated protocols: single enrichment step of 8-24 hours.

Lysis

Add enriched samples to SureTect Lysis Tubes and transfer to the Applied Biosystems™ SimpliAmp™ Thermal Cycler.

Run & Read

Load SureTect PCR tubes into the QuantStudio 5 Food Safety Instrument and run the PCR cycle. User-friendly software delivers automatically interpreted results.

Report/Confirm

Report PCR negative results and confirm PCR positive results rapidly (typically 22-24 hours with a single Thermo Scientific™ chromogenic plating media).

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 and value added services 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	PT0100A	Thermo Scientific™ SureTect™ Salmonella species PCR Assay	96 tests
	PT0200A	Thermo Scientific SureTect Listeria species PCR Assay	96 tests
	PT0300A	Thermo Scientific SureTect Listeria monocytogenes PCR Assay	96 tests
	PT0400A	Thermo Scientific SureTect Escherichia coli O157:H7 PCR Assay	96 tests
	PT1060A	Thermo Scientific SureTect Cronobacter species 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 System, 0.1 mL Block, Desktop*	System
	A34777	Thermo Scientific™ RapidFinder™ Analysis Software	USB drive
		Thermo Scientific SureTect Kit Files**	Download
Service & Support Packages	SCQS5FAST	Applied Biosystems™ Assurance Service Plan - additional 1 year warranty cover with instrument loan	1 year cover

*Includes: Applied Biosystems QuantStudio 5 Real-Time PCR Instrument, Computer (Desktop computer and monitor, or Laptop computer), Thermo Scientific RapidFinder Analysis Software, USB Flash drive and power cords.

**Download kit files for free from www.thermofisher.com/order/catalog/product/A28811

To be sure with fast, reliable molecular food testing, contact your regional Thermo Fisher Scientific Food Safety Specialist, or visit thermofisher.com/suretect

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LT2246A
April 2019

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