

# Product List

Life Technologies products for food pathogen testing that are now part of the Thermo Scientific microbiology product catalog.

For customers purchasing direct from Thermo Fisher Scientific in Europe, US and Canada, please order the following Life Technologies™ food safety testing products via your local Thermo Fisher Scientific Microbiology sales office\*.

For queries about how to order Life Technologies food safety testing products from Thermo Fisher Microbiology or for technical support of these products, please use the 'Life Technologies Food Safety Inquiry' button at [www.thermoscientific.com/foodmicro](http://www.thermoscientific.com/foodmicro).

## Detection & Enumeration

### Applied Biosystems™ MicroSEQ™ Pathogen (Validated Workflows)

Item Number	Description
4427409	MicroSEQ <i>E. coli</i> O157:H7 Detection Kit
4445656	MicroSEQ <i>E. coli</i> O157:H7 Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4445657	MicroSEQ <i>E. coli</i> O157:H7 Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit
4403874	MicroSEQ <i>Listeria monocytogenes</i> Detection Kit
4415045	MicroSEQ <i>Listeria monocytogenes</i> Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit
4412637	MicroSEQ <i>Listeria monocytogenes</i> Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4445659	MicroSEQ <i>Listeria</i> spp. Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit
4427410	MicroSEQ <i>Listeria</i> spp. Detection Kit
4445658	MicroSEQ <i>Listeria</i> spp. Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4403930	MicroSEQ <i>Salmonella</i> spp. Detection Kit
4412639	MicroSEQ <i>Salmonella</i> spp. Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4415044	MicroSEQ <i>Salmonella</i> spp. Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit - Extra Clean

### Applied Biosystems™ RapidFinder™ STEC Assays

Item Number	Description
4476886	RapidFinder STEC Screening Assay
4480467	RapidFinder STEC Screening Assay Starter Kit - with PrepSEQ Nucleic Acid Extraction Kit
4476901	RapidFinder STEC Confirmation Assay

\*Refer to Frequently Asked Questions for details. [www.thermoscientific.com/foodmicro](http://www.thermoscientific.com/foodmicro)

## Detection & Enumeration (Continued)

### Applied Biosystems™ TaqMan™ Pathogen & Life Technologies™ SYBR® Assays

Item Number	Description
4485044	TaqMan <i>Bacteroides</i> spp. Assay Beads
4484990	TaqMan <i>Bacteroides</i> spp. Assay
4484976	TaqMan <i>Campylobacter coli</i> Assay
4485028	TaqMan <i>Campylobacter coli</i> Assay Beads
4485029	TaqMan <i>Campylobacter coli</i> Assay Beads, HPA
4484977	TaqMan <i>Campylobacter coli</i> Assay, HPA
4484979	TaqMan <i>Campylobacter lari</i> Assay
4485032	TaqMan <i>Campylobacter lari</i> Assay Beads
4484975	TaqMan <i>Campylobacter</i> Multiplex Assay
4485027	TaqMan <i>Campylobacter</i> Multiplex Assay Beads
4484980	TaqMan <i>Candida albicans</i> Assay
4485033	TaqMan <i>Candida albicans</i> Assay Beads
4485034	TaqMan <i>Cronobacter sakazakii</i> Assay Beads
4382492	TaqMan <i>Cronobacter sakazakii</i> Detection Kit
4484981	TaqMan <i>Cronobacter</i> spp. Assay
4485035	TaqMan <i>Cronobacter</i> spp. Assay Beads
4485060	TaqMan EAE Assay Beads, ISO (STEC)
4485004	TaqMan EAE Assay, ISO (STEC)
4484991	TaqMan <i>Enterococcus</i> spp. Assay
4485045	TaqMan <i>Enterococcus</i> spp. Assay Beads
4484984	TaqMan <i>Escherichia coli</i> 2011 O104:H4 Assay (STEC)
4485038	TaqMan <i>Escherichia coli</i> 2011 O104:H4 Assay Beads (STEC)
4484982	TaqMan <i>Escherichia coli</i> O104 Assay (STEC)
4485036	TaqMan <i>Escherichia coli</i> O104 Assay Beads (STEC)
4484983	TaqMan <i>Escherichia coli</i> O104:H4 Assay (STEC)
4485037	TaqMan <i>Escherichia coli</i> O104:H4 Assay Beads (STEC)
4484985	TaqMan <i>Escherichia coli</i> spp. Assay
4485039	TaqMan <i>Escherichia coli</i> spp. Assay Beads
4484986	TaqMan <i>Gluconacetobacter liquefaciens</i> Assay
4485040	TaqMan <i>Gluconacetobacter liquefaciens</i> Assay Beads
4368736	TaqMan <i>Listeria monocytogenes</i> Detection Kit with PrepMan Ultra Sample Preparation Reagent
4484992	TaqMan <i>Oncorhynchus keta</i> Assay
4485046	TaqMan <i>Oncorhynchus keta</i> Assay Beads
4485047	TaqMan <i>Pseudomonas aeruginosa</i> Assay Beads
4368723	TaqMan <i>Salmonella enterica</i> Detection Kit & PrepMan Ultra Reagent
4457030	TaqMan <i>Salmonella</i> Enteritidis Detection Kit
4484996	TaqMan <i>Salmonella</i> Hadar Assay
4485051	TaqMan <i>Salmonella</i> Hadar Assay Beads
4484995	TaqMan <i>Salmonella</i> Heidelberg Assay
4485050	TaqMan <i>Salmonella</i> Heidelberg Assay Beads
4484993	TaqMan <i>Salmonella</i> Newport Assay
4485052	TaqMan <i>Salmonella</i> Senftenberg Assay Beads
4484997	TaqMan <i>Salmonella</i> Senftenberg Assay

## Detection & Enumeration (Continued)

### TaqMan Pathogen & SYBR® Assays (Continued)

Item Number	Description
4484994	TaqMan <i>Salmonella</i> spp. Ultimate Assay
4485049	TaqMan <i>Salmonella</i> spp. Ultimate Assay Beads
4484998	TaqMan <i>Salmonella</i> Typhimurium Assay
4485053	TaqMan <i>Salmonella</i> Typhimurium Assay Beads
4485001	TaqMan Shiga-like Toxin (STX1) Assay (STEC)
4485003	TaqMan Shiga-like Toxin (STX1/STX2) Multiplex Assay (STEC)
4485002	TaqMan Shiga-like Toxin (STX2) Assay (STEC)
4485054	TaqMan <i>Staphylococcus aureus</i> Assay Beads
4368606	TaqMan <i>Staphylococcus aureus</i> Detection Kit
4485063	TaqMan STEC O103 & O145 Assay Beads, MLG (STEC)
4485007	TaqMan STEC O103 & O145 Assay, MLG (STEC)
4485064	TaqMan STEC O26 & O111 Assay Beads, MLG (STEC)
4485008	TaqMan STEC O26 & O111 Assay, MLG (STEC)
4485009	TaqMan STEC O45 & O121 Assay, MLG (STEC)
4485065	TaqMan STEC O45 & O121 Beads, MLG (STEC)
4485066	TaqMan STEC STX & EAE Assay Beads, MLG (STEC)
4485010	TaqMan STEC STX & EAE Assay, MLG (STEC)
4485057	TaqMan STX1 Assay Beads (STEC)
4485061	TaqMan STX1 Assay Beads, ISO (STEC)
4485005	TaqMan STX1 Assay, ISO (STEC)
4485059	TaqMan STX1/STX2 Multiplex Assay Beads (STEC)
4485058	TaqMan STX2 Assay Beads (STEC)
4485062	TaqMan STX2 Assay Beads, ISO (STEC)
4485006	TaqMan STX2 Assay, ISO (STEC)
4485072	TaqMan Verotoxin-producing <i>Escherichia coli</i> VT1 Assay Beads, HPA (STEC)
4485016	TaqMan Verotoxin-producing <i>Escherichia coli</i> VT1 Assay, HPA (STEC)
4485074	TaqMan Verotoxin-producing <i>Escherichia coli</i> VT1/VT2 Multiplex Assay Beads, HPA (STEC)
4485018	TaqMan Verotoxin-producing <i>Escherichia coli</i> VT1/VT2 Multiplex Assay, HPA (STEC)
4485073	TaqMan Verotoxin-producing <i>Escherichia coli</i> VT2 Assay Beads, HPA (STEC)
4485017	TaqMan Verotoxin-producing <i>Escherichia coli</i> VT2 Assay, HPA (STEC)
4485013	TaqMan <i>Vibrio cholera</i> Assay
4485069	TaqMan <i>Vibrio cholera</i> Assay Beads
4485012	TaqMan <i>Vibrio</i> Multiplex Assay
4485068	TaqMan <i>Vibrio</i> Multiplex Assay Beads
4485014	TaqMan <i>Vibrio parahaemolyticus</i> Assay
4485070	TaqMan <i>Vibrio parahaemolyticus</i> Assay Beads
4485015	TaqMan <i>Vibrio vulnificus</i> Assay
4485071	TaqMan <i>Vibrio vulnificus</i> Assay Beads
4484970	TaqMan <i>Alicyclobacillus acidoterrestris</i> Assay, Liquid
4485022	TaqMan <i>Alicyclobacillus acidoterrestris</i> Assay Beads
4484971	TaqMan <i>Alicyclobacillus</i> Multiplex Assay, Liquid
4485023	TaqMan <i>Alicyclobacillus</i> Multiplex Assay Beads
4366102	TaqMan <i>Listeria monocytogenes</i> Detection Kit
4485086	TaqMan <i>Salmonella</i> spp. & Enteritidis Multiplex Assay Beads

## Detection & Enumeration (Continued)

### TaqMan Pathogen & SYBR® Assays (Continued)

Item Number	Description
4366104	TaqMan <i>Salmonella enterica</i> Detection Kit
4485085	TaqMan <i>Salmonella</i> Lille Assay
4485048	TaqMan <i>Salmonella</i> Newport Assay Beads
4485084	TaqMan STEC O111 & O104 ISO Assay Beads (STEC)
4485083	TaqMan STEC O26, O103 & O145 ISO Assay (STEC)
4485082	TaqMan STEC O45 & O121 ISO Assay (STEC)
4485075	TaqMan STEC Screening Assay, ISO (STEC)
4485011	SYBR® Total Gram Negative Bacteria Assay
4485067	SYBR® Total Gram Negative Bacteria Assay Beads

### TaqMan Environmental Master Mixes & Applied Biosystems™ RNA UltraSense™ System

Item Number	Description
4396838	TaqMan Environmental Master Mix 2.0, 200 reactions
4398021	TaqMan Environmental Master Mix 2.0, 400 reactions
4398044	TaqMan Environmental Master Mix 2.0, 800 reactions
4488676	TaqMan Fast Environmental Master Mix Beads
4488681	TaqMan Fast Environmental Master Mix Beads + IPC
11732927	RNA UltraSense One-Step Quantitative RT-PCR System

### GMO

Item Number	Description
4327690	TaqMan GMO Maize 35S Detection Kit
4327693	TaqMan GMO Maize 35S Detection Kit, with protocol
4481972	TaqMan GMO Maize Quantification Kit
4466334	TaqMan GMO Screening Kit
4327691	TaqMan GMO Soy 35S Detection Kit
4327692	TaqMan GMO Soy 35S Detection Kit, with protocol
4466335	TaqMan Roundup Ready Soya Quantification Kit

### Life Technologies™ /Imegen™ Meat ID Kits

Item Number	Description
A24391	RapidFinder Beef ID Kit
A24393	RapidFinder Chicken ID Kit
A15570	RapidFinder Equine ID Kit
A24392	RapidFinder Pork ID Kit
A24397	RapidFinder Poultry ID Kit
A15579	RapidFinder Quant Equine Set
A24399	RapidFinder Quant Multi-Meat Set
A24396	RapidFinder Ruminant ID Kit
A24395	RapidFinder Sheep ID Kit
A24394	RapidFinder Turkey ID Kit

## Detection & Enumeration (Continued)

### Virus

Item Number	Description
4475930	ceeramTools™ Hepatitis A Virus Detection Kit
4489319	ceeramTools™ Hepatitis A Quantification Standard
4489312	ceeramTools™ Hepatitis E Virus Detection Kit
4489320	ceeramTools™ Hepatitis E Quantification Standard
4475931	ceeramTools™ <i>Mengovirus</i> Extraction Control Kit
4475928	ceeramTools™ Norovirus GI Detection Kit
4489313	ceeramTools™ Norovirus GI Quantification Standard
4475929	ceeramTools™ Norovirus GII Detection Kit
4489315	ceeramTools™ Norovirus GII Quantification Standard

### Biothreat

Item Number	Description
4382486	TaqMan <i>Bacillus anthracis</i> Detection Kit
4382423	TaqMan <i>Brucella</i> spp. Detection Kit
4382490	TaqMan <i>Francisella tularensis</i> Detection Kit
4382488	TaqMan <i>Yersinia pestis</i> Detection Kit

### Media

Item Number	Description
74002-	CHROMagar™ O157 Medium
74001-	CT Supplement

### Instruments, Service & Validation

Item Number	Description		
4365463	Applied Biosystems™ 7500 Fast Real-Time PCR System, desktop	Instrument	System
4381792	Applied Biosystems™ StepOnePlus™ Real-Time PCR System, laptop	Instrument	System
4381793	StepOnePlus Real-Time PCR System with Tower	Instrument	System
4365464	Applied Biosystems 7500 Fast Real-Time PCR System, laptop, QST	Instrument	System
4365571	OQ/IPV Service for Applied Biosystems 7500 Fast Real-Time PCR System	Instrument	Service
ZG11SC7500FASTAMT	AB Assurance Service Plan for Applied Biosystems 7500 Fast Real-Time PCR Instrument	Instrument	Service
ZG11SCMME96DWAMT	AB Assurance Service Plan for MagMAX Express-96 Deep Well Particle Processor	Instrument	Service
ZG21SC7500FASTAMT	AB Complete Service Plan for Applied Biosystems 7500 Fast Real-Time PCR Instrument	Instrument	Service
ZG61SCMME96DW	Extended Warranty for MagMAX Express-96 Deep Well Particle Processor	Instrument	Service
ZGEXSCSTEPONEPAMT	Rapid Exchange Service for StepOnePlus Real-Time PCR System	Instrument	Service
4365572	IQOQ Service for Applied Biosystems 7500 Fast Real-Time PCR System	Instrument	Validation
4445669	IQOQ Service for MagMAX Express-96 Particle Processor	Instrument	Validation
CON00046QST	Validation Service for Applied Biosystems 7500 Fast Computer System	Instrument	Validation

## Detection & Enumeration (Continued)

### Instrument Spare Parts & Software

Item Number	Description
4345287	Halogen Lamp for 7300, 7500, and 7500 Fast Systems
4403809	Precision Plate Holder for 0.1 mL Tube Strips (for 7500 Fast System)
4316733	Fuse (5 x 20 mm 12.5A 250V) for 7000, 7300, 7500, & 7500 Fast Systems
4328260	Premium USB Type A-B Cable, 3 meters (for 7500 & 7500 Fast Systems)
4456916	RapidFinder Express Software Pathogen Update V1.0
4440751	RapidFinder Express Software Version 1.1 - Full Installation
4479741	RapidFinder Express Software Version 1.2 Update

### Ancillaries

Item Number	Description
A24735	JUN <sup>®</sup> Dye Spectral Calibration Plate for Multiplex qPCR, Fast 96-well
4330015	MicroAmp <sup>™</sup> Cap Installing Tool
4358293	MicroAmp Fast 8-Tube Strip, 0.1 mL
4323032	MicroAmp Optical 8-Cap Strips
4352407	TaqMan Fast Reagent Starter Kit
4351979	TaqMan RNase P Instrument Verification Plate, Fast 96-well
4360788	Applied Biosystems 7500 Fast Real-Time PCR Systems Spectral Calibration Kit I
4362201	Applied Biosystems 7500 Fast Real-Time PCR Systems Spectral Calibration Kit II
A24734	ABY <sup>®</sup> Dye Spectral Calibration Plate for Multiplex qPCR, Fast 96-well
4388506	Applied Biosystems 7500 Fast Precision Plate Holder for MicroAmp Tube Strips
4362214	Applied Biosystems 7500 Fast Chemical Installation Kit

## Sample Preparation

### Applied Biosystems™ PrepSEQ™ Nucleic Acid Extraction Reagents & Applied Biosystems™ MagMAX™ Express Processor & Consumables

Item Number	Description
4480466	PrepSEQ Nucleic Acid Extraction Kit for Food and Environmental Testing, 100 reactions
4428176	PrepSEQ Nucleic Acid Extraction Kit for Food and Environmental Testing, 300 reactions
4400079	MagMAX Express-96 Deep Well Magnetic Particle Processor (AM-Applied Markets Customer)
4388476	MagMAX Express-96 Deep Well Plates
4388487	MagMAX Express-96 Deep Well Tip Combs
4388475	MagMAX Express-96 Standard Plates
AM10050	Magnetic-Ring Stand (96 well)
4485076	96-well Pre-Clarification Tray
A24401	Lysis Buffer 1 + RNase for Food ID

### Applied Biosystems™ PrepSEQ™ Rapid Spin & Applied Biosystems™ PrepMan™ Ultra Kits & Reagents

Item Number	Description
4468304	PrepSEQ Rapid Spin Sample Prep Kit - Extra Clean & Bead Beating
4407760	PrepSEQ Rapid Spin Sample Preparation Kit
4413269	PrepSEQ Rapid Spin Sample Preparation Kit - Extra Clean
4426715	PrepSEQ Rapid Spin Sample Preparation Kit - Extra Clean with Proteinase K
4426714	PrepSEQ Rapid Spin Sample Preparation Kit with Proteinase K
4480715	Proteinase K, FS
4318930	PrepMan Ultra Sample Preparation Reagent

### Applied Biosystems™ Pathatrix™ Auto System & Reagents

Item Number	Description
PATHATRIXAUTO	Pathatrix Auto Instrument
4480724	Lysis Buffer, FS
APE500SDP	Pathatrix 10 Pooling <i>E. coli</i> O157:H7 Kit
POOL1010MLN	Pathatrix 10 Pooling Kit
APS500P	Pathatrix 10 Pooling <i>Salmonella</i> spp. Kit
APDES250P	Pathatrix 5 Pooling Dual <i>E. coli</i> / <i>Salmonella</i> Kit
APE250SDP	Pathatrix 5 Pooling <i>E. coli</i> O157:H7 Kit
POOL510MLN	Pathatrix 5 Pooling Kit
APL250P	Pathatrix 5 Pooling <i>Listeria</i> spp. Kit
APS250P	Pathatrix 5 Pooling <i>Salmonella</i> spp. Kit
ACART5	Pathatrix Auto Cartridge
ACART	Pathatrix Auto Cartridge
ACARTHOLD	Pathatrix Auto Cartridge Holder
ACARTRACK	Pathatrix Auto Cartridge Rack
APCAT50	Pathatrix Cationic/General Viral Capture Kit
APSAK500P	Pathatrix <i>Cronobacter</i> spp. 10-Pooling Kit
APSAK250P	Pathatrix <i>Cronobacter</i> spp. 5-Pooling Kit
APSAK50	Pathatrix <i>Cronobacter</i> spp. Kit, same day
APD50	Pathatrix Dual ( <i>Listeria</i> / <i>Salmonella</i> spp.) Kit
APE50SD	Pathatrix <i>E. coli</i> O157:H7 Kit, same day

## Sample Preparation (Continued)

### Pathatrix Auto System & Reagents (Continued)

Item Number	Description
ATUBERACK	Pathatrix Elution Vessel Holder
PFF	Pathatrix Foam Filters
APL50	Pathatrix <i>Listeria</i> spp. Kit
APS50	Pathatrix <i>Salmonella</i> spp. Kit
APS50SD	Pathatrix <i>Salmonella</i> spp. Kit - Same Day
ATUBEHOLD	Pathatrix Sample Vessel Holder
MAGNETICPLATE	Pathatrix Magnetic Capture Plate

### Applied Biosystems™ & Invitrogen™ Dynabeads™ & BeadRetriever™ Products

Item Number	Description
71003-	Dynabeads anti- <i>E. coli</i> O157, 1mL
71004-	Dynabeads anti- <i>E. coli</i> O157, 5mL
71006-	Dynabeads anti- <i>Listeria</i>
71002-	Dynabeads anti- <i>Salmonella</i>
71011-	Dynabeads EPEC/VTEC O103
71009-	Dynabeads EPEC/VTEC O111
71007-	Dynabeads EPEC/VTEC O145
71013-	Dynabeads EPEC/VTEC O26
74003-	Dynabeads L10 Tubes
A10714	Dynabeads MAX <i>E. coli</i> O157 Kit, 1mL
A10715	Dynabeads MAX <i>E. coli</i> O157 Kit, 5mL
A14632	Dynabeads MAX EPEC/VTEC O121 Kit, 100 reactions
A14684	Dynabeads MAX EPEC/VTEC O121 Kit, 200 reactions
A14631	Dynabeads MAX EPEC/VTEC O45 Kit, 100 reactions
A14683	Dynabeads MAX EPEC/VTEC O45 Kit, 200 reactions
12001D	Dynabeads MPC™ - 1 (Magnetic Particle Concentrator)
A13346	Dynabeads MPC-S (Magnetic Particle Concentrator)
15903-	Dynabeads MX 12-tube Mixing Wheel
15904-	Dynabeads MX 8-tube Mixing Wheel
15902-	Dynabeads MX Mixer Base
15906-	Dynabeads MX Mixer Turret
15914D	Dynabeads MX MPC-6 Semi-automated Mixer Head
15911-	Dynabeads MX MPC-S Mixing Wheel
15907-	Dynabeads MX1 Mixer
15908-	Dynabeads MX2 Mixer
15910-	Dynabeads MX4 Mixer
15915D	Dynabeads MX7 Mixer
94701-	Dynabeads Rotary Mixer
94703-	Dynabeads Rotary Mixer Mixing Platform
94702-	Dynabeads Rotary Mixer Rod
74004-	Dynabeads Spot-On™ Slides
15952-	BeadRetriever Tube Rack





## Sample Preparation (Continued)

### Dynabeads & BeadRetriever Products (Continued)

Item Number	Description
15950-	BeadRetriever System
15951-	BeadRetriever Tubes & Tips
12002D	MPC™-6 (Magnetic Particle Concentrator)

### Non-Pathogens (GMO, MEAT ID & Virus)

Item Number	Description	Application
4466336	GMO Extraction Kit	GMO & Meat ID
A25493	RapidFinder Virus Extraction Kit	Virus
A24401	Lysis Buffer 1 + RNase for Food ID	GMO & Meat ID
CS400100	ChargeSwitch™ gDNA Rendered Meat Purification Kit	Ancillaries & Meat ID

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