

Food Allergen Assays

ELISA Systems' kits are a comprehensive range of microwell ELISA assays for detecting and quantifying allergen proteins and residues in food and swab samples.

ELISA Assay Kits

Each kit contains 48 antibody-coated microwells, extraction solution, wash solution, conjugate, substrate, stop solution, controls, microwell holder, certificate of analysis and instructions.

Almond Residue Detection Kit (ELISA Systems code ESARD-48)		
48 wells		ESARD-48
Buckwheat Residue Detection Kit (ELISA Systems code ESBWPRD-48)		
48 wells		ESBWPRD
Casein Residue Detection Kit (ELISA Systems code ESCASPRD-48)		
48 wells		ESCASPRD
Crustacean Residue Detection Kit (ELISA Systems code ESCRURD-48)		
48 wells		ESCRURD
Egg Residue Detection Kit (ELISA Systems code ESERD-48)		
48 wells		ESERD-48
Enhanced Egg Residue Detection Kit (ELISA Systems code ESEGG-48)		
48 wells		ESEGG-48
Gliadin Residue Detection Kit (ELISA Systems code ESGLI-48)		
48 wells		ESGLI-48
Hazelnut Residue Detection Kit (ELISA Systems code ESHRD-48)		
48 wells		ESHRD-48
Lupin Residue Detection Kit (ELISA Systems code ESLFP-48)		
48 wells		ESLFP-48
Milk (β-Lactoglobulin) Residue Detection Kit (ELISA Systems code ESMRDBLG-48)		
48 wells		ESMRDBLG
Mustard Seed Protein Residue Detection Kit (ELISA Systems code ESMUS-48)		
48 wells		ESMUS
Peanut Residue Detection Enhanced Kit (ELISA Systems code ESPRDT-48)		
48 wells		ESPRDT-48
Sesame Residue Detection Kit (ELISA Systems code ESSESRD-48)		
48 wells		ESSESRD
Soy Protein Residue Detection Kit (ELISA Systems code ESSOYPRD-48)		
48 wells		ESSOYPRD

Swab Sampling Kit

Use with ELISA Systems allergen assays for environmental sampling. Each kit contains 10 sterile swabs, 10 vials of sterile swab wetting solution and instructions.

Food Allergen Swab Kit (ELISA Systems code ESSWB-10)		
10 swabs		ESSWB-10

Allergen Testing Sundry Items

Top-up concentrates for use with ELISA Systems allergen assays

Extraction Solution (Standard) 20x concentrate (ELISA Systems code ESEXT)		
25mL	20x conc.	ESEXT
Extraction Solution (Polyphenol) 20x concentrate (ELISA Systems code ESADDSOL)		
25mL	20x conc.	ESADDSOL
Wash Solution 20x concentrate (ELISA Systems code ESWASH)		
25mL	20x conc.	ESWASH

The ELISA Systems range of quick and easy-to-use food allergen test kits is now available alongside Thermo Scientific Microbiology products in Europe, Australia, New Zealand, Canada and Brazil.

Manufactured in Australia by ELISA Systems.



Food Allergens

Are you fulfilling your duty of care?

Food manufacturers are finding that it is increasingly important to test food products and ingredients for allergens, as part of their allergen management plan, to ensure that products have not been contaminated via raw materials, production lines or the environment in general.

- A simple extraction process minimizes preparation time
- Suitable for qualitative detection and quantification to low levels
- Swab kit available for environmental sampling
- Test kits are available for:

Almond	Lupin
Buckwheat	Milk (separate tests for Casein and Beta-Lactoglobulin)
Crustacean	Mustard
Egg	Peanut
Gluten (Gliadin)	Sesame
Hazelnut	Soy (separate tests for Soy Bean Protein, Soy Flour Protein)



Precis Methods

Rapid culture methods for the enrichment, isolation and presumptive identification of important food pathogens in just 2 days.

Listeria Precis Method

a rapid culture method for the enrichment, isolation and identification of *Listeria monocytogenes* and *Listeria* spp. in just 2 days. Validated by AFNOR to ISO 16140 for all food, animal feed and environmental samples. Use O.B.I.S. mono (ID0600M) for rapid confirmation.

ONE Broth-Listeria

for selective enrichment of *Listeria* spp. from food samples in 24 hours

ONE Broth-Listeria Base		
500g	for 11.4 litres medium	CM1066B
2.5kg	for 57.0 litres medium	CM1066R
5kg	for 114 litres medium	CM1066T
ONE Broth-Listeria Selective Supplement		
10 vials	for 500mL medium	SR0234E
10 vials	for 2 litres medium	SR0234H
10 vials	for 2.25 litres medium	SR0234B
ONE Broth-Listeria Complete		
5x20L Dry-Bags	for 20 litres of medium	DB1066V

Brilliance Listeria Agar

a chromogenic agar for the selective growth and differentiation of *Listeria monocytogenes* and *Listeria* spp.

Brilliance Listeria Agar Base		
500g	for 7.4 litres medium	CM1080B
5kg	for 74 litres medium	CM1080T
Brilliance Listeria Selective Supplement		
10 vials	for 500mL medium	SR0227E
Brilliance Listeria Differential Supplement		
10 vials	for 500mL medium	SR0228E

Salmonella Precis Method

a rapid culture method for the enrichment, isolation and presumptive identification of *Salmonella* spp. in just 2 days. Validated by AFNOR to ISO 16140 for all food, animal feed and environmental samples. Use Oxoid Salmonella Latex Test (FT0203A or DR1108A) for rapid confirmation.

ONE Broth-Salmonella

an 18-hour selective enrichment broth for *Salmonella* spp.; only for use as part of the Salmonella Precis Method

ONE Broth-Salmonella Base		
500g	for 20 litres medium	CM1091B
5kg	for 200 litres medium	CM1091T
ONE Broth-Salmonella Selective Supplement		
10 vials	for 225mL medium	SR0242E
10 vials	for 2.25 litres medium	SR0242B
ONE Broth-Salmonella Complete		
10x20L Dry-Bags	for 20 litres of medium	DB1091W

Brilliance Salmonella Agar

a novel chromogenic medium incorporating Inhibigen technology, for the presumptive identification of *Salmonella* spp. from clinical and food samples, and the isolation medium used in the **Salmonella Precis method**.

Brilliance Salmonella Agar Base		
500g	for 9.3 litres medium	CM1092B
5kg	for 93 litres medium	CM1092T
Salmonella Selective Supplement		
10 vials	for 500mL medium	SR0194E

Not all products available in all territories. Please contact your local office for details.

Rapid Food Tests

Rapid, user-friendly methods to test food and environmental samples for the presence of *Salmonella* and *Listeria*.

Listeria Rapid Test

AFNOR, AOAC and EMMAS approved, this test can detect the presence of *Listeria* spp. in 42 hours (involving extraction of flagellar antigen at 80°C for 20 minutes). Each kit includes sufficient lateral flow devices, positive control and Half Fraser Broth (HFB) supplement for 50 tests.

50 tests	each vial for 225mL HFB	FT0401M
50 tests	each vial for 10x225mL HFB	FT0401A

Listeria Rapid Test Accessories

Supplementary Listeria Devices		
50 tests		FT0405M
Fraser Broth Base		
500g	for 8.7 litres medium	CM0895B
Buffered Listeria Enrichment Broth		
500g	for 10.6 litres medium	CM0897B
Listeria Selective Enrichment Supplement		
10 vials	for 500mL medium	SR0141E

Salmonella Rapid Test

AFNOR and AOAC approved; a presumptive detection method for motile salmonellae in raw food materials, finished food products and the production environment. Salmonella Rapid Test Elective Medium required.

50 tests		FT0201A
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Salmonella Rapid Test Accessories

Salmonella Rapid Test Elective Medium (SRTEM) for use with Oxoid Salmonella Rapid Test		
500g	for 16.4 litres medium	CM0857B
Salmonella Latex Test for the presumptive identification of salmonellae isolated by the Oxoid Salmonella Rapid Test		
30 tests		FT0203A



SureTect™ System

Speed and Performance

Now, you can go into every food safety test confidently with the Thermo Scientific SureTect Real-Time PCR System. Built on proven PCR technology and backed by world-class service and support, the SureTect System is designed to quickly and accurately detect microorganisms in a broad range of foods and associated samples. This unique solution combines speed and performance in an easy-to-use, cost-effective platform – giving you results you can be sure about.

Core Components

SureTect Salmonella Assay		
each		PT0100A
SureTect Listeria Species Assay		
each		PT0200A
SureTect Listeria monocytogenes Assay		
each		PT0300A
PikoReal 24 for SureTect Assays		
each		PT0500
PikoReal Software CD		
each		PT0500W
Starter Pack (includes all required pipettes, equipment and accessories)		
each		PT0600
Dell Desktop		
each		PT0700
Dell Laptop		
each		PT0800
Standard Service Contract (Year 2)		
each		PT0850
Premium Service Contract (Year 2)		
each		PT0851

Optional Starter Pack Components (for easier handling of reagents)

Electronic Pipette (Lysis Step)		
each		PT0616

Optional Starter Pack Components (for easier handling of reagents in high throughput)

Multichannel Pipette (Lysis Step)		
each		PT0606
Filtered Pipette Tips (Lysis Step)		
each		PT0607

Thermo Scientific PathoProof Mastitis Testing

PathoProof™ Mastitis PCR assays identify mastitis-causing bacteria from bovine milk in just four hours. The assays are based on an accurate and sensitive technology known as real-time PCR. The tests can be used for analyzing fresh and preserved quarter milk samples, milk recording samples, and bulk tank milk samples.

PathoProof Mastitis Complete-16 Kit

for the identification of *S. aureus*, *Staphylococcus* spp. (including all major coagulase-negative staphylococci), *S. agalactiae*, *S. dysgalactiae*, *S. uberis*, *E. coli*, *Serratia marcescens*, *Enterococcus* spp. (including *E. faecalis* and *E. faecium*), *Klebsiella oxytoca* and/or *pneumoniae*, *C. bovis*, *A. pyogenes* and *Peptoniphilus (Peptostreptococcus) indolicus*, Staphylococcal β -lactamase gene (penicillin resistance gene), *M. bovis*, *Mycoplasma* spp., Yeast, *Prototheca* spp.

PathoProof Mastitis Complete-16-Reagent Kit		
each	sufficient for 50 tests	PF1600S
each	sufficient for 4x96 tests	PF1600L
PathoProof Mastitis Complete-16 qPCR reagents		
each	for use with PF1600S	PF1600SB*
each	for use with PF1600L	PF1600LB*

PathoProof Mastitis Complete-12 Kit

for the identification of *S. aureus*, *Staphylococcus* spp. (including all major coagulase-negative staphylococci), *S. agalactiae*, *S. dysgalactiae*, *S. uberis*, *E. coli*, *S. marcescens*, *Enterococcus* spp. (including *E. faecalis* and *E. faecium*), *K. oxytoca* and/or *K. pneumoniae*, *C. bovis*, *A. pyogenes* and *Peptoniphilus (Peptostreptococcus) indolicus*, Staphylococcal β -lactamase gene (penicillin resistance gene.)

PathoProof Mastitis Complete-12 Reagent Kit		
each	sufficient for 50 tests	PF0870S
each	sufficient for 4x96 tests	PF0870L
PathoProof Mastitis Complete-12 qPCR reagents		
each	for use with PF0870S	PF0870SB*
each	for use with PF0870L	PF0870LB*

PathoProof Mastitis Major-4.1 Kit

for the identification of *M. bovis*, *S. aureus*, *S. agalactiae*, Staphylococcal β -lactamase gene (penicillin-resistance gene)

PathoProof Mastitis Major-4.1 Reagent Kit		
each	sufficient for 50 tests	PF0941S
each	sufficient for 4x96 tests	PF0941L
PathoProof Mastitis Major-4.1 qPCR reagents		
each	for use with PF0941S	PF0941SB*
each	for use with PF0941L	PF0941LB*

PathoProof Mastitis Major-4.2 Kit

for the identification of *M. bovis*, *S. aureus*, *S. agalactiae*, *S. uberis*

PathoProof Mastitis Major-4.2 Reagent Kit		
each	sufficient for 50 tests	PF0942S
each	sufficient for 4x96 tests	PF0942L
PathoProof Mastitis Major-4.2 qPCR reagents		
each	for use with PF0942S	PF0942SB*
each	for use with PF0942L	PF0942LB*

PathoProof Mastitis Major-3 Kit

for the identification of *M. bovis*, *S. aureus*, *S. agalactiae*

PathoProof Mastitis Major-3 Reagent Kit		
each	sufficient for 50 tests	PF0914S
each	sufficient for 4x96 tests	PF0914L
PathoProof Mastitis Major-3 Kit qPCR reagents		
each	for use with PF0914S	PF0914SB*
each	for use with PF0914L	PF0914LB*

PathoProof Mastitis Software

PathoProof Mastitis Software Licence		
each	for 5 users	PF0888A

qPCR System and Notebook Computer

Agilent Mx3005P™ qPCR System (110 V) with notebook computer		
each	includes one year warranty	PF1449N

qPCR System and Notebook Computer

Agilent Mx3005P™ qPCR System (230 V) with notebook computer		
each	includes one year warranty	PF1457N

Consumables

Microtubes 1.5mL	500 tubes	PF3451A
Tubes 15mL	50 tubes	PF6060A
Tubes 50mL	20 tubes	PF3689A
Sterile tips with filter, 100 μ L	10x96 tips	PF2065A
Sterile tips with filter, 200 μ L	10x96 tips	PF2069A
Sterile tips with filter, 1000 μ L	8x100 tips	PF2279A
Sterile tall tips for 15-1250 μ L electronic 8-channel pipette	10x96 tips	PF8245A
Sterile tips for 5-250 μ L electronic 8-channel pipette	10x96 tips	PF7326A
Reagent reservoir for multichannel pipette	100	PF8085A
Real-time PCR plate	25 plates	PF0016A
Optical caps for qPCR	120 strips	PF0866A

PathoProof Mastitis Starter Packs

include the laboratory equipment required (excluding the qPCR instrument) to begin testing for mastitis using PathoProof Mastitis PCR assays

PathoProof Mastitis Starter Pack for Small Kits		
each	see table on following page for components	PF0889S
PathoProof Mastitis Starter Pack for Large Kits		
each	see table on following page for components	PF0889L
PathoProof Mastitis Starter Pack for Small and Large Kits		
each	see table on following page for components	PF0889C

	Quantity included in starter kits		
	PF0889S	PF0889L	PF0889C
Vortex mixer, Thermo Scientific, Maxi Mix II	2	2	2
Pipette, range 10–100µL (1-channel)	1	1	1
Pipette, range 20–200µL (1-channel)	1	–	1
Pipette, range 30–300µL (8-channel)	–	1	1
Pipette, range 100–1000µL (1-channel)	2	2	2
Pipette, range 15–1250µL (electronic 8-channel)	–	1	1
Pipette, range 5–250µL (electronic 8-channel)	1	1	1
Incubator (quick ramping between 37°C and 55°C)	1	1	1
Block inset for 1.5mL microcentrifuge tubes	1	–	1
Block inset for collection microtubes	–	1	1
Special rack and cover for 96 collection microtubes	–	1	1
PCR plate cooler (96) for qPCR	2	2	2
Cap sealing tool for qPCR	1	1	1
Microcentrifuge for 1.5mL /2.0mL tubes	1	–	1
Small microcentrifuge for qPCR setup	1	1	1
Plate centrifuge	–	1	1
Rotor for plate centrifuge	–	1	1
Matrix single pipette stand	1	2	2
Pipette stand for 6 pipettes	1	1	1

Starter packs include all consumables required

BAX® System, Tests and Components

The DuPont Qualicon BAX System allows food laboratories to quickly and accurately detect microorganisms. Computer-generated results are clearly displayed on-screen.

The DuPont Qualicon BAX System Q7 is available in Europe, Canada, Australia and New Zealand from your local Oxoid representative.

Automated BAX System Q7 start up package

PCR cycler/detector, computer/monitor/keyboard/mouse/printer, BAX software/Microsoft® Windows® based, dry block heaters (2), cooling blocks (3), capping/decapping tools, pipettes, disposables to run the system, 1 year warranty.

each	QB0003H
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BAX System Real-Time *Campylobacter coli/jejuni/lari* Assay

96 tests	QB3449C
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BAX System Real-Time *Escherichia coli* O157:H7 MP Assay

This assay can be run in parallel with the BAX System Real-Time STEC Screening Assay where STEC other than *E. coli* O157:H7 may be present.

96 tests	QB3648C
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BAX System Real-Time *Staphylococcus aureus* Assay

96 tests	QB2689C
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BAX System Real-Time STEC Screening Assay

For the detection of *stx* and *eae* genes associated with Shiga-toxin producing strains of *Escherichia coli* (STEC). Following screening, presence of genes specific for O antigens of the most common STEC can be determined using the BAX System Real-Time STEC Panel 1 and Panel 2 Assays and the BAX System Real-Time *Escherichia coli* O157:H7 MP Assay.

96 tests	QB2964C
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BAX System Real-Time STEC Panel 1 Assay (O26, O111, O121)

An assay for determining the presence of specific genes specific to STEC O antigens: O26, O111 and O121. For use following screening using the BAX System Real-Time STEC Screening Assay. This assay may be run in parallel with the BAX System Real-Time STEC Panel 2 Assay and the BAX System Real-Time *Escherichia coli* O157:H7 MP Assay.

48 tests	QB2970C
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BAX System Real-Time STEC Panel 2 Assay (O45, O103, O145)

An assay for determining the presence of specific genes specific to STEC O antigens: O45, O103 and O145. For use following screening using the BAX System Real-Time STEC Screening Assay. This assay may be run in parallel with the BAX System Real-Time STEC Panel 1 Assay and the BAX System Real-Time *Escherichia coli* O157:H7 MP Assay.

48 tests	QB2987C
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BAX System Real-Time *Vibrio cholerae/parahaemolyticus/vulnificus* Assay

96 tests	QB3877C
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BAX System *E. sakazakii* (*Cronobacter*) Assay

96 tests	QB0657C
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BAX System *Escherichia coli* O157:H7 MP Assay

96 tests	QB0673C
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BAX System Genus *Listeria* 24E Assay

96 tests	QB8135C
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BAX System *Listeria monocytogenes* 24E Assay

96 tests	QB8125C
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BAX System *Salmonella* Assay

96 tests	QB0608C
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BAX System Yeast and Mould Assay

96 tests	QB0682C
BAX Yeast and Mould Supplement Kit	
96 tests	QB0684C

BAX System Accessories

BAX Yeast and Mould – Disrupting device		
each		QB0169C
Cluster Tube Caps		
120 Strips		QB0072D
Cluster Tube Capping/Decapping Tool		
each		QB0064D
Cluster Tubes		
10x96		QB0071D
Dry Block Insert for use with the Dry Block Instrument		
each		QB0076D
Dry Block Instrument 220V		
each		QB0078D
Finn Pipette – 8 channel 5–50µL		
each		QB0107D
Finn Pipette – Stepper 10µL–5mL		
each		QB0105D
Lysate Cooling Block Assembly		
each		QB0070D
PCR Low Profile Tube Capping/Decapping Tool		
each		QB0290D
PCR Cooling Block Assembly		
each		QB0037D
PCR Tube Holder Tray for Low Profile Tubes		
each		QB0102D
Pipettor – Finn 20–200µL adjustable		
each		QB0104D
Pipettor – Finn 5–50µL adjustable		
each		QB0103D
Powder Free Nitrile Gloves		
100		QB0049D
Tip 250µL with no Barrier		
10x96		QB0110D
Tip 100µL Extended with Barrier		
10x96		QB0109D
Tip 5mL for Stepper Pipette		
25		QB0106D

Culture Media for the BAX System

Information on the preparation of culture media in this section is intended as an aid to purchasing and relates to use with BAX System Q7 test kits, only. Please refer to the instructions for use of the relevant BAX System Assay.

Campylobacter jejuni/coli/lari

Bolton Selective Enrichment Broth

recommended as an enrichment medium for the BAX System Real-Time *Campylobacter jejuni/coli/lari* Assay

Bolton Broth Base		
500g	for 18.1 litres medium	CM0983B
Bolton Broth Selective Supplement		
10 vials	for 500mL medium	SR0183E

Cronobacter sakazakii (formerly *Enterobacter sakazakii*)

Brain Heart Infusion Broth

recommended as a regrowth medium for the BAX System *Enterobacter sakazakii* Assay

500g	for 13.5 litres medium	CM1135B
2.5kg	for 67.6 litres medium	CM1135R

Modified LST with Vancomycin

recommended as a pre-enrichment medium for the BAX System *Enterobacter sakazakii* Assay

Lauryl Tryptose Broth		
500g	for 14.0 litres medium	CM0451B
2.5kg	for 70.0 litres medium	CM0451R
Sodium Chloride Bacteriological		
500g	for 17.1 litres medium	LP0005B
Vancomycin Supplement		
10 vials	for 300mL medium	SR0186E

Escherichia coli O157:H7

BAX MP Medium

recommended as an enrichment broth for the BAX System *E. coli* O157:H7 MP Assay

2.5kg	for 111.1 litres medium	CM1076R
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Modified EC Broth

2.5kg	for 68.3 litres medium	CM1037R
10kg	for 273.2 litres medium	CM1037G
Novobiocin Supplement		
10 vials	for 500mL medium	SR0181E

*Listeria monocytogenes and Listeria genus*24 *Listeria* Enrichment Broth (24 LEB)

recommended as a 24 hour enrichment broth for the BAX System Genus *Listeria* 24E Assay and the BAX System *Listeria monocytogenes* 24E Assay

24 LEB Base		
500g	for 11.5 litres medium	CM1107B
24 LEB Selective Supplement		
10 vials	for 500mL medium	SR0243E
24 LEB Dry-Bags without filter		
5 bags	for 5x20 litres medium	DB1107V
24 LEB Buffer Supplement		
24 bottles	24x10mL	B01204E
24 LEB Buffer Supplement		
10 bottles	10x100mL	B01204M

Salmonella

Brain Heart Infusion Broth

recommended as a regrowth medium for specific samples for the BAX System *Salmonella* Assay when following either of the AFNOR ISO 16140 or AOAC RI validated protocols

500g	for 13.5 litres medium	CM1135B
2.5kg	for 67.6 litres medium	CM1135R

Buffered Peptone Water

recommended as primary enrichment medium for BAX System *Salmonella* Assay when following the AFNOR ISO 16140 validated protocol

500g	for 25.0 litres medium	CM0509B
2.5kg	for 125.0 litres medium	CM0509R
5kg	for 250.0 litres medium	CM0509T