

Environmental Testing Solutions

To support your food safety program



Featuring products from quality manufacturers, including:



**NELSON
JAMESON**
INC.

1-800-826-8302 • nelsonjameson.com • sales@nelsonjameson.com

2 | Environmental Sample Collection

3M™ Hydrated-Sponges

Pre-hydrated with a variety of buffers for quick sample collection. These sponges are pre-moistened for convenience, are durable, and the biocide-free cellulose maintains organism viability. 18-oz bag unless otherwise noted.



Stock #	Description	Qty	Unit
351-3300	Dry sponge in bag	100	CA
351-3029	10 mL Buffered peptone water	100	CA
351-3030	10 mL Buffered peptone water w/ 2 gloves	100	CA
351-3031	10 mL Lethen broth	100	CA
351-3032	10 mL Lethen broth w/ 2 gloves	100	CA
351-3303	10 mL Neutralizing buffer	100	CA
351-3302	10 mL Neutralizing broth w/ 2 gloves	1	EA
351-3301	10 mL Neutralizing buffer w/ 2 gloves	100	CA
351-3306	10 mL Neutralizing buffer w/ 24-oz bag and 2 gloves	100	CA

3M™ Sponge-Stick

Allows you to sample without directly handling the sponge. Also makes it easier to reach into drains, pipes, and around equipment. Features a biocide-free cellulose sponge that maintains organism viability. Available in wet or dry formats with and without gloves to fit many applications.



Stock #	Description	Qty	Unit
351-3025	10 mL Buffered peptone water	100	CA
351-3110	10 mL Lethen broth	100	CA
351-3026	10 mL Lethen broth w/ 2 gloves	100	CA
351-3995	10 mL Neutralizing buffer	100	CA
351-3027	10 mL Neutralizing buffer w/ 2 gloves	100	CA
351-3065	10 mL DE broth	100	CA
351-3028	Dry sponge in bag only	100	CA

3M™ Extendable Pole

Perfect accessory to use with 3M Environmental Sponge-Sticks. Telescoping pole provides a convenient way to reach locations up to 8' away.

Stock #	Unit
351-3975	EA



Labplas Sani-Stick

Features a red, pliable handle making it possible to sample those hard to reach areas in your plant. The unique design of the handle makes it an added bonus to use; just pinch the handle and it releases the sponge into the 24-oz TWIRL-EM® bag. No need for refrigeration.



Stock #	Description	Qty	Unit
467-3140	Sani-Stick with Lethen broth	100	CA

NASCO Sponge Pole

Perfect for sampling procedures that require testing surfaces that are difficult to reach such as window ledges, light fixtures, air vent ducts, etc. The adjustable aluminum pole is 6' long and extends to 10'. Includes pack of 10 sterile sponges.

Stock #	Unit
486-3457	EA



Whirl-Pak® Sponge Probe

Works well for those hard-to-reach areas as the sponge adheres to a holder that is screwed onto the handle. Both the sponge and handle are sterile and the polypropylene sponge and handle fit inside the 24-oz, write-on, Whirl-Pak bag. To use, add buffer (sold separately) of your choice to the bag to hydrate sponge. Once sampling is complete, simply insert the sponge back into the bag, unscrew the handle and discard, close and send into the lab for testing.

Stock #	Qty	Unit
486-3076	50	BX



Whirl-Pak® Speci-Sponge® Bags

Designed for environmental surface sampling, work areas, equipment, animal carcasses, and any other place where testing for *Listeria*, *Salmonella*, *E.coli*, and other foodborne pathogens is required. Speci-Sponge bags are 18-oz and meet the criteria stated in the Compendium of Methods for the Microbiological Examination of Foods regarding sponge contact methods, by providing a sterile plastic bag to place the sample for transportation to the lab. The pre-moistened sponges contain neutralizing buffer with sodium thiosulfate to neutralize residual chlorine sanitizer, or you can choose bags without buffer and add letheen broth diluent (#443-3002). To use, simply open the bag, moisten the sponge, wipe surface to obtain sample, then reseal bag, and send to the laboratory.

Stock #	Description	Qty	Unit
486-3189	Speci-Sponge® Bags with dry sponge	100	BX
486-3392	Speci-Sponge® Bags with dry sponge and sterile gloves	100	BX
486-3423	Pre-moistened Speci-Sponge® Bags with sterile gloves	100	BX
486-3422	Pre-moistened Speci-Sponge® Bags	100	BX

WHIRL-PAK®
results you can trust



Whirl-Pak® Hydrated PolySponge™ Bags

Make environmental surface sampling faster and easier with these pre-moistened bags. The durable high-density polyurethane sponge is ready to use and resists tearing and fraying. Each sponge is packed in a sealed 18-oz (532 mL) write-on bag and is hydrated with 16 mL of HiCap™ Neutralizing Broth, and terminally gamma processed to guarantee sterility. Box contains five foil pouches with 20 sponges each for a total of 100 sponges. Bags are 9"L x 4"W (11.5 x 23 cm) with a 2.5 mil (.064 mm) thickness. Has a two-year shelf-life with ambient storage at 36 to 86°F (2 to 30°C).

To use the sponge, tear open the top of the Whirl-Pak bag, squeeze out any excess HiCap Neutralizing Broth, swab the surface, insert the sponge back into the bag, fold the top of the bag over three or more times, and bend in the wire tabs to close, then send to a lab for testing.

Stock #	Description	Qty	Unit
486-3881	With gloves	100	BX
486-3880	Without gloves	100	BX
486-3879	Hydrated polyprobe	100	BX

WHIRL-PAK®
results you can trust



3M™ Quick Swabs

Ready to use environmental swab system consists of a 5" rayon-tipped swab which contains letheen neutralizing buffer to facilitate recovery of bacteria. The swabs can be used wet or dry to sample surfaces and quickly deliver 1.0 mL of sample onto a 3M Petrifilm™ Plate. Handy vinyl-covered wire rack which holds up to 50 swabs is sold separately.



Stock #	Description	Qty	Unit
460-3432	3M™ Quick Swab	50	BX
460-3434	3M™ Quick Swab	250	CA
446-3340	Swab rack	1	EA

Hygiena™ Q-Swab™ Environmental Swab Collection System

Save time and money by eliminating the need for pipettes and broth preparation. Q-Swab is a ready-to-use dilution and delivery device used in the food and beverage industry for environmental surface sampling. Using patented Snap Valve™ technology, broth is released down the swab shaft, neutralizing residue sanitizers and facilitating recovery of bacteria. The sample is then ready to be poured onto media or streaked onto agar plates for culturing. Q-Swabs can be used either wet or dry, and have a 12-month shelf life.

Stock #	Description	Qty	Unit
332-3999	Swabs w/ buffered peptone water	250	BX
332-3200	Swabs w/ letheen broth	250	BX



hygiena™

4 | Environmental Sample Collection

3M™ Swab-Samplers

Features a swab in a pre-filled bottle with your choice of enrichment broth or neutralizing solution. Sample collection is easy with the attached swab, and the screw cap bottles have ample headspace for sample addition and vortexing to release organisms from the swab.

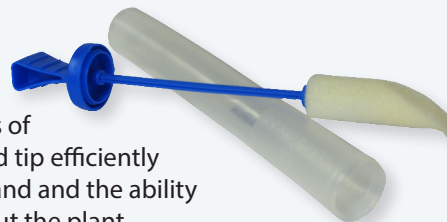
Stock #	Description	Qty	Unit
351-3993	1 mL Letheen broth	100	CA
351-3307	4 mL Letheen broth	100	CA
351-3037	5 mL Letheen broth	100	CA
351-3960	10 mL Letheen broth	100	CA
351-3034	10 mL Buffered peptone water	100	CA
351-3035	10 mL D/E Neutralizing buffer	100	CA
351-3992	4 mL Neutralizing buffer	100	CA
351-3036	10 mL Neutralizing buffer	100	CA



3M™ EnviroSwabs

Pre-moistened with special transport medium for environmental sample collection, these swabs are designed for swabbing all types of food surfaces in the food industry. The large swab head and shaped tip efficiently collect organisms from hard-to-reach areas. The tamper-evident band and the ability to reseal the tube make this a great swab for many areas throughout the plant.

Stock #	Qty	Unit
351-3368	100	BX



3M

Puritan EnviroMax Plus® Swabs

Perfect for sampling surfaces or large equipment parts with its oversized sponge applicator on a stick. Features a quick turn-open, leak-resistant cap so you don't have to worry about media solution leaks or loss of past collection contents. Solution is a combination of Neutralizing Buffer and Peptone Broth.

Stock #	Qty	Unit
302-3990	25	PK



Puritan Calgiswab® Applicators

Sterile, and individually wrapped calcium alginate swabs for microbiological surface-contact procedure. Swab fibers will dissolve in 1% hexametaphosphate buffer, releasing organisms. Calcium alginate fibers and buffer will not inhibit growth of micro-organisms.

Stock #	Qty	Unit
<i>Wood Shaft</i>		
302-3010	100	PK
<i>Plastic Shaft</i>		
302-3210	100	PK
302-3500	1,000	CA



Please call for information on the 3M™ LM1 ATP Start Up Kit.
Everything you need for one low price.

3M™ Clean-Trace™ LM1 ATP Hygiene Monitoring & Management System

Features a touch screen for ease of use, faster result times, and a sleek, ergonomic design that allows for one-handed operation. The total Clean-Trace Hygiene Monitoring and Management System with Bluetooth® technology provides you with quick, accurate results, measuring the effectiveness of your cleaning and sanitation programs. This powerful and flexible software has a redesigned dashboard, making it easy to collect, store and retrieve test result reports. It turns your data into information to help you identify root causes and take corrective actions quickly. The new, convenient wireless and networking capabilities also enable you to download photos to the luminometer.

Features of Luminometer:

- Stands up to harsh manufacturing environments.
- Durable, impact resistant casing.
- User-friendly touch screen.
- Flip-out foot allows device to stand upright.
- Ergonomic design allows for one-handed operation, regardless of hand size.
- Self-diagnostic check on start-up.
- Secure data cannot be changed on hardware.

Features of Software:

- Redesigned dashboard consolidates information.
- Common tasks—1 click access to key features.
- Easily randomize test point in sample plans.
- Simplified data displays help you make more educated decisions.
- Confidently identify trouble spots to improve cleaning and reduce downtime for faster production start-up.
- Convenient, audit ready reports.



Stock # Unit

351-3400 EA

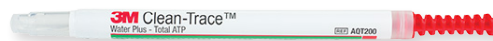


3M™ Clean-Trace™ Surface ATP Test Swabs

With its unique liquid stable enzyme, this test offers superior levels of repeatability. Its performance and incredible simplicity are why customers throughout the world have put the 3M Clean-Trace system at the heart of their hygiene monitoring programs. Results are measured in the 3M Clean-Trace NG Luminometer and provided in relative light units (RLU). Use #351-3210 Positive Control for verification (sold separately).

Stock # Qty Unit

351-3038 100 CA



3M™ Clean-Trace™ Water ATP Test Swabs

A dedicated ATP water test that is designed to prevent sampling inaccuracy inherent in collecting a water sample with a swab. Its overall simplicity makes it a powerful addition to your hygiene program. Results are measured in the 3M Clean-Trace NG Luminometer and provided in relative light units (RLU).

Stock # Description Qty Unit

351-3040 Water Free ATP 100 CA

351-3039 Water Total ATP 100 CA

3M™ Clean-Trace™ ATP Positive Control

The positive controls for the 3M Clean-Trace ATP Luminometer (#351-3063) can be used quickly and easily to provide a periodic verification of equipment performance. These controls can also be used for the verification of the 3M Surface Protein Allergen Swabs (#351-3062) and the 3M Surface Protein Plus Swabs (#351-3041), sold separately.

Stock # Qty Unit

351-3210 10 CA



Hygiena™ EnSURE™ Luminometer

Use a single instrument to collect, analyze, and report data from multiple quality tests. The EnSURE system is an easy to use, flexible, and accurate quality environmental monitoring system. This system tests for ATP from surface liquid samples, as well as high sensitivity ATP from surfaces. In addition, rapid microorganism tests for products and surfaces can also be done on the instrument using MicroSnap™ enrichment and detection devices. See page 9 for additional information. This unit connects to the provided SureTrend™ software via USB. Powered by (2) AA batteries, sold separately.

Stock #	Description	Qty	Unit
Instrument			
332-3300	EnSURE™ Luminometer	1	EA
ATP Surface Monitoring			
332-3111	UltraSnap™ ATP Swabs	100	BX
332-3400	Positive ATP Control	25	BX
ATP Water Monitoring			
332-3210	AquaSnap™ ATP Swabs—Total	100	BX
332-3178	AquaSnap™ ATP Swabs—Free	100	BX
High Sensitivity ATP Monitor			
332-3330	SuperSnap™ ATP Swabs	100	BX
Unit Calibration			
332-3998	Calibration Kit	1	KT



Hygiena™ SystemSURE Plus™ Luminometer

A rapid ATP sanitation monitoring system that uses advanced photodiode technology and easy to use functionality to provide an affordable way to monitor and verify cleaning processes at your facility. Can be used for solid surfaces and liquid samples, with unprecedented accuracy and reproducibility. This unit connects to the provided SureTrend™ software via USB. Powered by (2) AA batteries, sold separately.

Stock #	Description	Qty	Unit
Instrument			
332-3112	SystemSURE Plus™ Luminometer	1	EA
ATP Surface Monitoring			
332-3111	UltraSnap™ ATP Swabs	100	BX
332-3400	Positive ATP Control	25	BX
ATP Water Monitoring			
332-3210	AquaSnap™ ATP Swabs—Total	100	BX
332-3178	AquaSnap™ ATP Swabs—Free	100	BX
High Sensitivity ATP Monitor			
332-3330	SuperSnap™ ATP Swabs	100	BX
Unit Calibration			
332-3998	Calibration Kit	1	KT



Neogen® AccuPoint Advanced® Sanitation Verification—ATP Reader

An AOAC approved handheld ATP reader that accurately detects ATP from surfaces and rinse water samples. AccuPoint Advanced is quick, accurate, and easy to use, producing results in under 20 seconds. Our optional RFID technology reduces test time and increases test plan accuracy. The system uses three distinct samplers—for surface testing (#498-3605), rinse water testing (#498-3601), and narrow openings (#498-3606) (e.g. small pipes and fill nozzles)—to flexibly correspond to all of your application needs. Also included is Data Manager software, user guides, quick reference cards, data cable, and power cable. For use with the AccuPoint Surface Samplers.



Stock #	Description	Qty	Unit
498-3604	Accupoint Advanced® Reader w/ software	1	EA
498-3605	Accupoint Advanced® Surface Samplers	100	BX
498-3601	Accupoint Advanced® Water Samplers	100	BX
498-3606	Accupoint Advanced® Access Samplers	100	BX



Surface Protein & Allergen Testing



3M™ Clean-Trace™ Surface Protein Plus Test

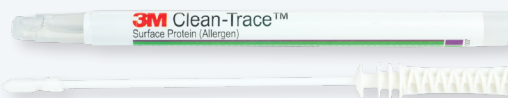
Use this protein detection system as a fast and easy way to check whether cleaning has been carried out to a satisfactory standard. Everything you need for a result is contained in the compact device—there is no need for an instrument as results are visual. With a unique swab-click-read format and simple color-change technology, this test is very easy to use and implement in a busy production environment. The results are semi-quantitative with four possible colors. The faster the test turns purple, the higher the level of contamination on a surface. The test detects protein and other reducing agents, considered as a superior hygiene indicator to glucose because it is more difficult to remove from a surface. No refrigeration necessary.

Stock #	Qty	Unit
351-3041	100	CA

3M™ Clean-Trace™ Surface Protein (Allergen) Swabs

Eliminate the need for several different allergen test kits by using the 3M Clean-Trace Surface Protein (Allergen) Swabs. The test is a very simple and sensitive swab, which detects as little as 3 µg of protein residue on surfaces and in solution. Validated for a range of allergenic proteins including egg, milk, gluten, soy, and peanut. The basis of these swabs is the majority of allergens are protein, if a surface is found to be virtually protein-free, it indicates low risk of allergens being present. Just swab the surface, click the activation solution and incubate in the Thermo Scientific™ Digital Dry Bath/Block Heater (#038-3061) and the individual block (#038-3082) for 15 minutes. Interpret the results by a color change of clean or dirty. Heating block and dry bath/block heater sold separately.

Stock #	Description	Qty	Unit
351-3062	Clean-Trace™ Surface Protein (Allergen)	60	CA
038-3061	Thermo Scientific™ Dry Bath/Block Heater	1	EA
038-3082	Thermo Scientific™ Block	1	EA



Hygiena PRO-Clean™ Rapid Protein Food Residue

Quickly monitor the cleanliness of food equipment surfaces to help ensure food safety and quality with PRO-Clean swabs. Simply swab a surface, release the reagent, and if certain protein residues are present, the reagent will turn purple.

Stock #	Qty	Unit
332-3230	100	BX

8 | Allergen Test Kits



Hygiena™ AllerSnap™ Protein Residue Test Swab



Detects 3ug protein after 30 minutes incubated at 37°C or 15 minutes at 55°C for eight major food allergens. Use on a surface after cleaning to help ensure product quality. Simply swab surface, release reagent and incubate. If protein residue is present, the reagent will turn purple. The color change provides a semi-quantitative measure of surface cleanliness. The more contamination present, the quicker the color change to purple and the darker the color. Quickly validates the hygiene of a surface allowing immediate corrective action to be taken if necessary. Suitable for allergen monitoring (quantitative analysis). Additional items needed: Incubator (#332-3339) and block (#332-3003), sold separately.

Stock #	Qty	Unit
332-3255	100	BX



Hygiena™ SpotCheck Plus™ Glucose and Lactose Residue Test



It is easy to validate your sanitation system and ensure food safety with these ready-to-use tests. SpotCheck measures simple sugars (glucose and/or lactose) so you can detect most major food groups versus protein residue tests that are limited to high protein foods, such as meat.

Stock #	Qty	Unit
332-3101	100	BX



Hygiena™ AllerFlow Gluten Surface Residue Test Kit



A rapid and convenient test for detection of gluten residue on surfaces as part of an allergen control program. Combining Hygiena's convenient sample collection swab design with classic lateral flow technology, AllerFlow Gluten makes gluten testing easier than ever before. Unlike other kits that contain several components, this kit consists of two parts—a sample collection device and a lateral flow cassette. The sample collection swab device contains pre-measured extraction buffer for consistent results with minimal handling. After collection, the sample is poured directly into the lateral flow cassette fill well and results appear in 10 minutes.

Stock #	Qty	Unit
332-3500	25	BX

Neogen® Reveal® Allergen Test Kits



Accurate, easy to use Reveal allergen kits screen samples for food allergens at 5 ppm in 10 minutes or less. If the test detects at least 5 ppm, two lines will form on the simple test device. The formation of only one line indicates a negative test result. No refrigeration necessary.

Stock #	Description	Qty	Unit
498-3478	Milk	24	KT
498-3438	Peanut	24	KT

3M™ Allergen Protein Rapid Test Kits

A qualitative immunochromatographic assay for rapid in-plant monitoring of specific food allergens. Designed for accurate detection of processed and unprocessed allergen proteins. These fast, easy tests can be used for clean-in-place (CIP) final rinse water, environmental swab samples, raw ingredients, and finished food products. Results are in 10 to 12 minutes per test. Additional items needed: swabs (#716-7006) and transfer pipets (#577-3314), sold separately.



Stock #	Description	Qty	Unit	Stock #	Description	Qty	Unit
460-3017	Almond	25	KT	460-3008	Hazelnut	10	KT
460-3018	Bovine Total Milk	25	KT	460-3004	Peanut	10	KT
460-3007	Cashew	25	KT	460-3016	Pecan	10	KT
460-3031	Coconut	25	KT	460-3006	Pistachio	10	KT
460-3111	Egg White	25	KT	460-3002	Soy	10	KT
460-3003	Fish	25	KT	460-3015	Walnut	10	KT
460-3014	Gluten	10	KT				

3M™ Allergen Protein ELISA Test Kits Also Available!



Neogen® Reveal 3-D® Allergen Test Kits

Affordability and simplicity of use allows these tests to be implemented more regularly than typical laboratory food allergen testing. Achieve enhanced confidence in your cleaning program and product protection through increased surface sampling and testing of all critical points of the production process in “real-time.” Within 10 minutes of taking a sample or food contact surfaces, you have a result. The detection level is 1 to 50 ppm, and no additional equipment is needed. #498-3083 is 2-D technology and detects almonds, cashews, hazelnuts, pecans, pistachios, and walnuts.

Stock #	Description	Qty	Unit	Stock #	Description	Qty	Unit
498-3086	Almond	10	KT	498-3041	Peanut	10	KT
498-3021	Coconut	10	KT	498-3089	Sesame	10	KT
498-3082	Egg	10	KT	498-3081	Shellfish	10	KT
498-3099	Gliadin R5	20	KT	498-3093	Soya	10	KT
498-3031	Gluten	10	KT	498-3094	Total Milk	10	KT
498-3087	Hazelnut	10	KT	498-3083	Treenut, detects 6 different nuts	10	KT
498-3088	Mustard	10	KT				

Pathogen & Micro Testing

Microorganism Detection

Hygiena's MicroSnap™ platform bridges the time gap between ATP and bacterial culture results with convenient, same-shift test results for E.coli, Coliform, Enterobacteriaceae, and TVC. MicroSnap tests are read by the EnSURE™ monitoring system and results are recorded with SureTrend™ software. EnSURE measures both ATP (found on page 6) and organism tests, enabling food and beverage processors to acquire an accurate status of plant hygiene and product quality during the same working day or shift. Knowing test results sooner prevents recalls, reduces waste, shortens hold time, and enables a quicker response when contamination issues arise. Powered by (2) AA batteries, sold separately.



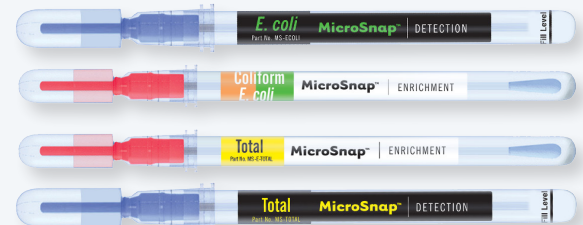
Stock #	Description	Qty	Unit
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Instrument

332-3300	EnSURE™ Luminometer for ATP Testing	1	EA
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Microorganism Detection

332-3320	MicroSnap™ E.coli and Coliform Detection Device	100	BX
332-3340	MicroSnap™ E.coli and Coliform Enrichment Device	100	BX
332-3350	MicroSnap™ E.coli and Coliform Enrichment Broth	100	BX
332-3360	MicroSnap™ Total TVC Enrichment Device	100	BX
332-3370	MicroSnap™ Total TVC Detection Device	100	BX
332-3390	MicroSnap™ Enterobacteriaceae Detection Device	100	BX
332-3380	MicroSnap™ Enterobacteriaceae Enrichment Device	100	BX



3M™ Petrifilm™ Plates

Maximize productivity by increasing your laboratory efficiency with 3M Petrifilm Plates. These sample-ready plates streamline your testing process, reducing the labor hours needed to perform microbial testing. And, there's a full line of Petrifilm Plates so you can monitor a variety of conditions for quality. AOAC approved.

- **Aerobic Count Plates** check general bacterial levels.
- **Rapid Aerobic Count Plates** detect aerobic bacteria counts in just 24 hours for most food matrices and environmental monitoring.
- **Coliform Count Plates** test for coliforms, a traditional step in controlling overall quality.
- **Coliform High Sensitivity Plates** will accommodate 5 mL samples for better detection of organisms.
- **Rapid Coliform Count Plates** detect high-level coliform contamination beginning at just 4 hours.
- **E.coli/Coliform Count Plates** identify both E.coli and other coliforms.
- **Enterobacteriaceae Count Plates** are used to detect post-processing contamination.
- **Yeast and Mold Count Plates** determine air and foodborne yeasts and molds which can invade dry ingredients, processing equipment and storage facilities.
- **Rapid Yeast and Mold Count Plates** feature indicator technology that makes colonies easier to interpret, results in just 48 hours.
- **Staph Express Count Plates** are the fastest confirmed *S. aureus* test available with results in as little as 22 hours.
- **Environmental Listeria Plates** are for the enumeration and/or detection of *Listeria* in environmental samples.



3M

Stock #	Qty	Unit
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Aerobic Count Plates

460-3400	100	BX
460-3406	1000	CA

Rapid Aerobic Count Plates

460-3468	50	BX
460-3479	500	CA

Coliform Count Plates

460-3410	50	BX
460-3416	1000	CA

Rapid Coliform Count Plates

460-3402	50	BX
460-3412	500	CA

E.coli/Coliform Count Plates

460-3404	50	BX
460-3414	500	CA

Enterobacteriaceae (EB) Count Plates

460-3420	50	BX
460-3421	1000	CA

Yeast and Mold Count Plates

460-3407	100	BX
460-3417	1000	CA

Rapid Yeast and Mold Count Plates

460-3475	50	BX
460-3477	500	CA

Environmental Listeria Plates-Count Plates

460-3447	50	BX
460-3448	200	CA

Staph Express Count Plates

460-3649	50	BX
460-3641	500	CA

3M™ Petrifilm™ Salmonella Express System

Used for the rapid qualitative detection and biochemical confirmation of *Salmonella* in enriched foods and food process environmental samples. Consists of an unique medium for the recovery and growth of *Salmonella* species that provides presumptive results and the *Salmonella* Express disks provide a biochemical confirmation. This system utilizes 3M's Petrifilm technology, and delivers an all-in-one test and biochemical confirmation method in as little as 44 hours. AOAC-RI Certification number 061301.



3M

Stock #	Qty	Unit
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Count Plates

460-3536	50	BX
460-3537	200	CA

3M™ Molecular Detection System

Powered by an innovative combination of technologies to provide a pathogen detection solution that is fast, easy to use, and affordable. Provides detection for *Salmonella*, *Listeria*, *Listeria monocytogenes*, and *E.coli* O157. Computer not included.



3M

Stock #	Unit
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351-3197	EA
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Hygiena™ InSite™ Listeria Environmental Test



Quick and easy in-house test at an economical price. Designed to monitor the presence of common *Listeria* spp (*L.innocua*, *L.ivanovii*, *L.welshmeri*, *L.monocytogenes*) in environmental samples from food processing areas. This test indicates the presence of *Listeria* species without confirming pathogenic organisms. A color change from yellow to light brown/black in as little as 24 hours is considered presumptive positive. An incubator is required, sold separately.

Stock #	Qty	Unit
332-3118	50	BX
332-3107	100	CA



Hygiena™ InSite™ Salmonella Environmental Test



A quick and easy test for the detection of *Salmonella* species (spp) in food processing environments. Contains a liquid medium formulated with selective growth enhancers and chromogenic compounds. A color change from purple to bright yellow in 24-48 hours is presumptive positive for *Salmonella* spp. InSite Salmonella is a self-contained screening test which is easy to perform while reducing wait time, labor costs, and materials. An incubator is required, sold separately.

Stock #	Qty	Unit
332-3120	50	BX

Hygiena™ Digital Dry Block Incubators

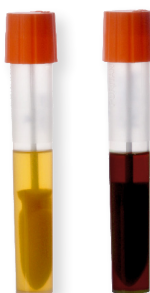
Designed specifically for Hygiena's wide variety of test devices, these incubators can be set to any temperature required for Hygiena products. Small footprint takes minimal lab bench space, and the auto-stop and sound alert features help you achieve perfect incubation time, every time. Temperature stability: $\pm 0.5^{\circ}\text{C}$. Heats to max temp in less than 15 minutes. Timer range: 1 min - 99 hr 59 min. Incubator block(s) sold separately.



Stock #	Description	Temp Range	Overall Dimensions (WxDxH)	Block Capacity	Unit
Incubators					
332-3339	Small Format Incubator	Ambient +5° to 80°C	4.3" x 5.9" x 3.1"	1	EA
332-3332	Lab Format Incubator	Ambient +5° to 105°C	14.4" x 8.3" x 5.9"	2	EA
Blocks for Incubators					
332-3003	For use with Small Format Incubator			12 Swab capacity	EA
332-3001	For use with Lab Format Incubator			35 Swab capacity	EA
332-3002	For use with Lab Format Incubator			15 Vial capacity	EA

Listeria Indicator Broth

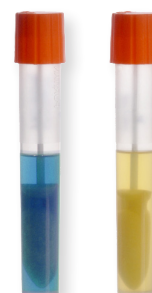
AOAC approved, and intended for use in screening environmental samples for the presence of viable *Listeria* species. Presumptive positive samples will exhibit a color change from yellow/amber to brown/black if *Listeria* bacteria is growing in the liquid media. Just swab your surface with pre-moistened swabs of your choice, pour indicator broth into tube, incubate for 30-48 hours at 37°C, then read color of sample.



Stock #	Qty	Unit
512-3025	25	BX

Salmonella Indicator Broth

Screen environmental samples for the presence of viable *Salmonella* species. AOAC approved. Positive samples will exhibit a color change from blue to yellow if *Salmonella* bacteria is growing in the liquid media. The color indicates a presumptive positive. Just swab your surface with pre-moistened swabs of your choice, pour indicator broth into tube, incubate for 24-48 hours at 37°C, then read color of sample.



Stock #	Qty	Unit
512-3026	25	BX

12 | Air Sampling

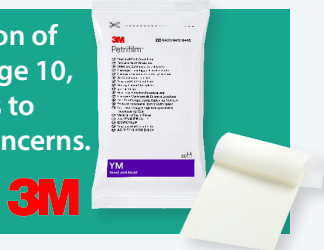
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Test anywhere or anytime without the need for expensive equipment like an autoclave, balance, or water bath. These tests are pectin-based media that gel at room temperature when poured into the pretreated dish. The test method is simple to perform and reading the plates is very similar to conventional agar methods. By using Easygel tests you can reduce labor hours needed to perform microbial testing. The result: an instant, hassle-free plate.



Stock #	Description	Qty	Unit
434-3009	Potato Dextrose w/ Antibiotics for Y & M	50	KT
434-3010	Potato Dextrose for Y & M	50	KT

Check out our selection of 3M™ Petrifilm™ on page 10, for fast, efficient ways to monitor air quality concerns. AOAC Approved. Call for more details!



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Used to certify and monitor air quality in processing areas by measuring bacteria, yeasts, and molds present in the air. Meets requirements of FDA, GMP, USP, and ISO 14698. The system technology is centrifugal based sampling, used with Biotest HYCON agar strips to collect particles. Features a 100 liter/minute flow rate with seven preset volumes and three user-definable settings. Also features an ergonomic keypad positioning, delayed sample time, high resolution display, vertical or horizontal operation. Includes two rechargeable batteries, rotor, protective cap, RCS Management Software, serial cable, carry case, and Bluetooth® module for wireless data to an external PC.



Stock #	Description	Use	Qty	Unit
Instrument				
080-3216	RCS® High Flow Air Sampler			EA
Agar Strips				
080-3026	Tryptic Soy agar strips	Total count	50	BX
080-3032	Rose Bengal agar strips	Yeasts & molds	50	BX
080-3029	Total Count agar strips with lecithin, Tween 80 and supplements	Ultra clean environments	50	BX
080-3030	Sabouraud-Dextrose agar strips, modified, (for higher yield compared with YM)	Yeasts & molds	50	BX
080-3031	DG-18 agar strips	Dry locations	25	BX
080-3000	MacConkey agar strips	Coliforms & enteric bacteria	25	BX
080-3028	Blank Air Sampler strips, sterile	Plate your own media	50	BX

NJ411-19



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