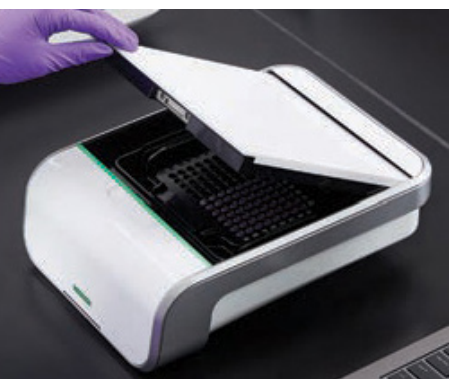


Neogen[®] Molecular Detection System

Plus all the testing supplies you need to get started

NELSON JAMESON
INC.
DELIVERING THE EXCEPTIONAL™



Quick Shipping & Expert Logistics

Fast delivery of your products
across the country.



NEOGEN[®]

Authorized
Distributor

Pathogen Testing. Pure and Simple.

Powered by an innovative combination of technologies to provide a pathogen detection solution that is fast, accurate, easy to use, and affordable. It uses isothermal DNA amplification and bioluminescence detection technologies to deliver a simple, rapid, and specific pathogen detection method. 2-year extended service agreement sold separately (351-3903).

Benefits

- Real-time results allow for faster corrective actions or earlier ship dates of finished products.
- Presumptive positive samples in as little as 15 minutes after enrichment.
- Utilizes the same protocol for each assay with fewer steps than most tests.
- Assay tubes are color-coded by organism and match software screens to allow for better tracking and easy identification.
- Powerful software that allows operation of up to four instruments simultaneously from one computer.

The Neogen® Molecular Detection System includes: Software, chill block insert, chill block tray, speed loader tray, cap/decap tools for Lysis and Reagent, and empty Lysis and Reagent trays. 2-Year Extended Service Agreement sold separately.



Compact Design.

Provides a smaller footprint than a standard notebook computer, so it requires significantly less space than the market-leading rapid method. With no moving parts and automatic diagnostics at start-up, this affordable instrument requires minimal maintenance.

Make Critical Decisions Faster.

When you're making important choices that could impact businesses and public health, you need software that's intuitive and powerful. The Neogen Molecular Detection Software gets you results when you need them—along with a user-friendly interface for quick setup and real-time results for faster decisions.

<u>Stock #</u>	<u>Description</u>	<u>Unit</u>
351-3197	Neogen Molecular Detection System	EA

Food and Beverage Safety Testing Solutions

From food verification to quality control applications, Neogen® uses its industry expertise to support your food safety testing process from start to finish by offering a wide spectrum of allergen test kits, sanitation monitoring systems, microbiological agars & test kits, and essential testing supplies. These measures help ensure optimal quality by targeting microbiological, environmental, and sample testing needs.



Scan here
to learn more



Neogen® Molecular Detection Assay Matrix Control

Verify that new or unknown matrices are not inhibitory to amplification with these ready to use, pre-dispensed reagents, with only two transfer steps after enrichment. Features a closed-tube system to reduce the risk of amplicon contamination.

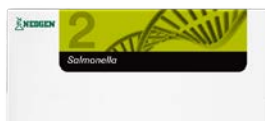
Stock #	Packaging	Unit
351-3219	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-Salmonella

Detect Salmonella in enriched food and environmental samples within 18-30 hours. Additional item needed: Buffered Peptone Water ISO (351-3213) sold separately.

Stock #	Packaging	Unit
351-3195	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-Listeria

Detect Listeria in enriched food and environmental samples within 24-32 hours. Additional items needed: Demi-Fraser Broth (351-3217) and Fraser Broth Supplement (351-3222), both sold separately.

Stock #	Packaging	Unit
351-3198	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-Listeria Monocytogenes

Detect Listeria monocytogenes in enriched food and environmental samples within 24-32 hours. Raw dairy matrices require 40 hours. Additional items needed: Demi-Fraser Broth (351-3217) and Fraser Broth Supplement (351-3222), both sold separately.

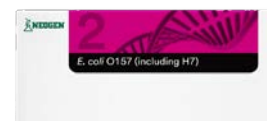
Stock #	Packaging	Unit
351-3199	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-E. coli O157 (including H7)

Detect *E. coli* O157 (including H7) in enriched food within 24-48 hours. Additional items needed: Buffered Peptone Water ISO (351-3213) sold separately.

Stock #	Packaging	Unit
351-3191	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-Cronobacter

For the rapid and specific detection of Cronobacter species in enriched powdered infant formula, raw materials to manufacture powdered infant formula, infant cereals, and environmental samples for next-day results. Additional item needed: Buffered Peptone Water ISO (351-3213) sold separately.

Stock #	Packaging	Unit
351-3182	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-Campylobacter

For the rapid and specific detection of Campylobacter, specifically for meat, poultry, and eggs, as well as prepared and processed foods and environmental samples. Additional items needed: Campylobacter Enrichment Broth (351-3178) sold separately.

Stock #	Packaging	Unit
351-3181	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-STEC Gene Screen (stx)

Detecting of Shiga toxin gene (stx1 and/or stx2) is a critical test for the produce and meat/poultry industries. Dependent on sample matrix, enrichment time is only 10-24 hours. Additional items needed: Buffered Peptone Water ISO (351-3213) sold separately.

Stock #	Packaging	Unit
351-3183	96 tests/kt	KT



Neogen® Molecular Detection Assay 2-STEC Gene Screen (stx and eae)

Detecting of Shiga toxin-producing *E. coli* (STEC) is a critical test for the produce and meat/poultry industries. Dependent on sample matrix enrichment time is only 10-24 hours. Additional items needed: Buffered Peptone Water ISO (351-3213) sold separately.

Stock #	Packaging	Unit
351-3184	48 tests/kt	KT



Eppendorf Research® plus Pipette Fixed Volume

The most advanced and ergonomic 20 µL pipette available from Eppendorf. This ultralight pipette meets the highest needs in precision and accuracy—combined with ultimate ergonomics and increased flexibility.



Stock #	Volume	Unit
090-3341	20 µL	EA



Eppendorf Research® plus 8-Channel Pipette

Meets the highest needs in precision and accuracy. This ultralight pipette also provides you with increased flexibility and ultimate ergonomics. Features eight channels, adjustable volume, and a yellow control button.



Stock #	Volume Range	Unit
090-3336	10-100 µL	EA



Eppendorf Research® plus Pipette Adjustable Volume

Precise liquid handling for a variety of laboratory applications. Perfect for molecular biology, microbiology, biochemistry, and cell biology. Reliable, accurate, and ergonomically designed for comfortable use.



Stock #	Volume Range	Unit
090-3331	2-20 µL	EA



Eppendorf ep Dualfilter T.I.P.S.®

Protect your food samples with these dual-filter pipette tips. They are designed to prevent contamination during microbiological testing, quality control, and food research. Each tip is PCR clean and sterile for reliable results. 960/case.



Stock #	Volume Range	Unit
090-3221	2-100 µL	CA



Seward Stomacher® 400 Circulator

Manufactured to industrial standards, the Circulator allows for easy and effective processing of multiple samples without the risk of cross-contamination. The quality and build of this stomacher make it highly durable and reliable, ensuring consistent homogenization during frequent use.



All Stomacher bags are sterile and designed to endure paddle-action blending. Each bag is made from virgin LDPE granules extruded to a thickness of 6.5 mils. They measure 7" W x 12" H and have a sample capacity of 80 to 400 mL.

Stock #	Capacity	Voltage	Unit
656-3000	80-400 mL	110 V	EA



Stock #	Bag Type	Packaging	Unit
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Circulator Bags

656-3011	Standard	500/bx	BX
656-3012	Standard (Filtered)	200/bx	BX
656-3013	Closure	250/bx	BX



Classic Bags

656-3007	Standard	500/bx	BX
656-3025	Standard (Filtered)	200/bx	BX
656-3008	Closure	250/bx	BX



Seward Stomacher® 400 EVO Lab Blender

This laboratory blender is designed for preparing microbiological samples in sterile bags, preventing cross-contamination. Its patented paddle design enhances organism recovery, while programmable settings ensure consistent blending results. Features include one-touch bag loading and easy cleaning with a removable door. Overall, it offers improved performance, efficiency, cost savings, and a more environmentally friendly solution compared to traditional blenders.

Compatible stomacher bags help perform precise sample preparation methods for pathogen or TVC testing. These bags offer the same quality as traditional blender bags but with reduced plastic usage and waste while not impacting established protocols. 500/box.

Stock #	Capacity	Voltage	Unit
656-3030	80-400 mL	110 V	EA

Stock #	Bag Type	Unit
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Pathogen Tests

656-3031	Standard	BX
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TVC Tests

656-3032	Standard	BX
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Thermo Scientific™ TSV Value Combo Refrigerator/Freezer

Ideal for storing samples, reagents, and other temperature-sensitive materials for extended periods of time. Its easy to clean interior and energy-efficient design make it a practical choice for various lab applications.

Temperature Range:

- **Refrigerator:** 1° to 12°C
- **Freezer:** -24° to -12°C

Stock #	Capacity	Unit
662-3915	18 cu. ft.	EA



Thermo
SCIENTIFIC

OHAUS® SCOUT® Portable Balance

Built to stringent Ohaus Standards, the rugged Scout is backed by a 2-year warranty on labor and parts. Ideal for laboratory and industrial applications, it comes in a slim, stackable design with large backlit LCD Screen. Features include superior overload protection, multiple weighing units and application modes, 420 g capacity, 0.01 g readability, and 4.7" round pan size. AC adaptor included, or use (4) AA batteries (not included). Available with and without touchscreen.



Stock #	Screen	Unit
501-3403	Blacklight LCD	EA
501-3415	Full Touch Screen	EA

OHAUS

Digital Dry Block Heater

Holds interchangeable, modular heating blocks for exceptional temperature uniformity and stability. Includes LED display for temperature and time and a five-year warranty on parts and labor. Available with a NIST, ISO/IEC 17025 Accredited Calibration Certificate. Heats up to 120°C. Heat block insert (351-3200) and verification thermometer for heat block (511-3647) both sold separately.



Stock #	Capacity	Size	Unit
716-3222	2 Block	13.7"L x 7.7"W	EA

Thermco® Spirit-Filled Thermometer

Perfect for block heaters and water baths, this spirit-filled thermometer is ideal for precise laboratory use, featuring 0.5°C divisions and a 35 mm partial immersion. Its 225 mm length ensures it is easy to read and handle.



Stock #	Temperature Range	Unit
511-3647	0°-110°C	EA

2840 ELP Tuttnauer Electronic Sterilizer with Built-in Printer

Tuttnauer's benchtop sterilizers provide a fast, safe, dependable, and convenient means of sterilizing instruments, glassware, clothing, and waste. Every stage of the cycle, including water-fill, heating, sterilization, exhaust, and drying, is microprocessor-controlled and completely automatic.



- **Chamber Dimensions:** 11" x 18"
- **External Dimensions:** 20.9" x 17.3" x 24.8"
- **Chamber Volume:** 28 L
- **Power:** 230 V, 1-Phase

Stock #	Mfg #	Unit
329-3025	2840ELP	EA

Tuttnauer
Your Sterilization & Infection Control Partners

Quincy Lab 180 Series Incubator—Digital

Offers the ease of temperature setting and the stability of a full PID microprocessor that accurately maintains a temperature setting even in varying ambient or power supply conditions. Features an insulated solid steel door, illuminated power switch, two shelves, and a bi-metal thermostat control.



- **Interior Dimensions:** 18"W x 16"D x 12"H
- **Exterior Dimensions:** 19"W x 21"D x 13"H
- **Capacity:** 2 cu. ft.
- **Temperature Range:** Ambient +3-93°C

Stock #	Mfg #	Unit
397-3191	12-180E	EA

QUINCY
LAB

Neogen® Molecular Detection Heat Block Insert

This insert is designed to securely hold reagent tubes in place, ensuring close contact with the heat block during the operation of the Molecular Detection System. The block can withstand the temperatures required for molecular detection assay testing, which helps ensure rapid and reliable results for pathogen detection.



Stock #	Unit
351-3200	EA

Distilled & Deionized Water

Help prevent mineral buildup and corrosion, and ensure consistent sterilization in your autoclaving process. Impurities in tap water can hinder these processes, leading to reduced efficiency and potential damage. 6/case.

Stock #	Description	Volume	Unit
330-3005	Distilled Water	1-gal	CA
330-3010	Deionized Water	1-gal	CA



Neogen® 22-oz Printable Sample Bags

Safety-tabbed bags eliminate the sharp points which can scratch hands, puncture gloves or other bags. These sterile, writable area bags have easy tear-off openings, which remain until ready to use. Wire ties provide a secure closure. 1000/case.



Stock #	Size	Unit
351-3127	5.5" x 9"	CA

Neogen® Sponge-Sticks

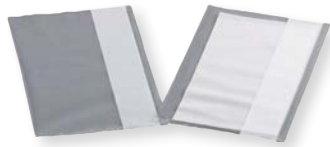
Perfect for hard-to-reach areas such as drains, pipes, and around equipment. Biocide-free cellulose sponge measures 1.5" x 3" and maintains organism viability. Sample bag measures 6" x 11" with a 30-oz capacity for safe, convenient transportation to the lab. 100/case.



Stock #	Description	Unit
351-3065	10 mL D/E Neutralizing Buffer	CA
351-3110	10 mL Lethen Broth	CA
351-3027*	10 mL Neutralizing Buffer w/ 2 gloves	CA

Neogen® 55-oz Filtered Printable Blender Bags

These 3 mil thickness polyethylene bags provide the extra strength needed for blending during sample preparation. The multi-laminate polyethylene pouch is puncture-resistant, and there are no top wires. Features a writeable panel that provides easy to read identification of samples. 400/case.



Stock #	Size	Unit
351-3911	7" x 12"	CA

Neogen® Hydrated-Sponges

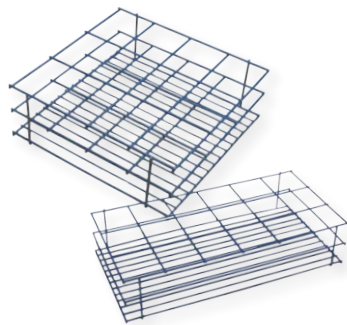
Use these 1.5" x 3" biocide-free cellulose sponges to maintain organism viability. Bags are sealed and sterile to ensure that no sponge is contaminated, feature a write-on strip, and are scored at the top for easy opening.



Stock #	Description	Packaging	Unit
18-oz Capacity			
351-3300*	Dry Sponge in bag only	100/ca	CA
351-3133	10 mL D/E Neutralizing Buffer w/ 2 gloves	100/ca	CA
351-3031	10 mL Lethen Broth	100/ca	CA
351-3032	10 mL Lethen Broth w/ 2 gloves	100/ca	CA
351-3302*	10 mL Neutralizing Buffer w/ 2 gloves	--	EA
351-3303*	10 mL Neutralizing Buffer	100/ca	CA
351-3301*	10 mL Neutralizing Buffer w/ 2 gloves	100/ca	CA

Whirl-Pak® Sample Racks

Specially designed for sample bags. Blue powder paint coating electrostatically applied to heavy-gauge wire construction is autoclavable.



Stock #	Size	Compartments	Unit
Holds 13 to 24-oz Bags			
486-3075	10"L x 10"W x 3.5"H	12	EA
486-3120	13.375"L x 10.625"W x 4"H	20	EA
Holds 24 to 69-oz Bags			
486-3122	13.75"L x 9.25"W x 4.5"H	6	EA

***IMPORTANT NOTE for NEUTRALIZING BUFFER:** When using Neutralizing Buffer (NB) as your solution for the sponge, it is required to perform a 1:2 dilution (1 part sample into 1 part sterile enrichment broth) of the enriched environmental sample before testing in order to reduce the risk associated with a false result leading to the release of contaminated product.

Neogen® Swab Sampler

Swab easily with these pre-filled bottles with various diluents. Since the swab is attached, the bottles have ample headspace for sample addition and vortexing to release organisms from the swab. The screw cap tubes are filled with your choice of enrichment broth or neutralizing solution. 100/case.



Stock #	Description	Unit
351-3993	1 mL Letheen Broth	CA
351-3307	4 mL Letheen Broth	CA
351-3037	5 mL Letheen Broth	CA
351-3960	10 mL Letheen Broth	CA
351-3992*	4 mL Neutralizing Buffer	CA
351-3036*	10 mL Neutralizing Buffer	CA
351-3035	10 mL D/E Neutralizing Buffer	CA

Neogen® Enrichment Pouch with Buffered Peptone Water ISO

An enrichment media used for the recovery of microorganisms from food and environmental samples. Pre-measured with 225 mL of broth. Solution conforms to ISO 6570 specified formulation and released in accordance with ISO 11133:2014 Standard Method. 32/case.



Stock #	Description	Unit
351-3088	Filtered Bags	CA
351-3115	Non-Filtered Bags	CA

Clorox Bleach Germicidal Wipes

One-step, ready to use disinfectants with a 1:10 bleach dilution. Tested for surface safety on common healthcare surfaces and equipment, the wipes feature an anticorrosion agent to ensure compatibility with hospital-grade surfaces. 70 wipes/can; 6 cans/case.



Stock #	Unit
477-2801	CA

Neogen® Dehydrated Media

The media and supplements needed to support MDS testing protocols. Demi Fraser Broth is used for the selection of Listeria Species, including Listeria monocytogenes. Buffered Peptone Water ISO is used for detecting Salmonella and E. coli O157 (including H7).

Stock #	Size	Unit
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Demi Fraser Broth Base

351-3217	500 g	JR
351-3405	2.5 kg	PA

Buffered Peptone Water ISO

351-3213	500 g	JR
351-3207	2.5 kg	PA
351-3410	10 kg	PA

Fraser Broth Base

351-3218	500 g	JR
351-3220	2.5 kg	JR

Fraser Broth Supplement

351-3222	10 mL	BX
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Campylobacter Enrichment Broth

351-3178	250 g	BO
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AMMEX Professional Series Nitrile Gloves

High-performance exam-grade gloves with chlorination and micro-roughening for a secure grip. Offers approximately three times the puncture resistance of comparable latex or vinyl gloves. 100/box; 10 boxes/case.

Stock #	Size	Unit
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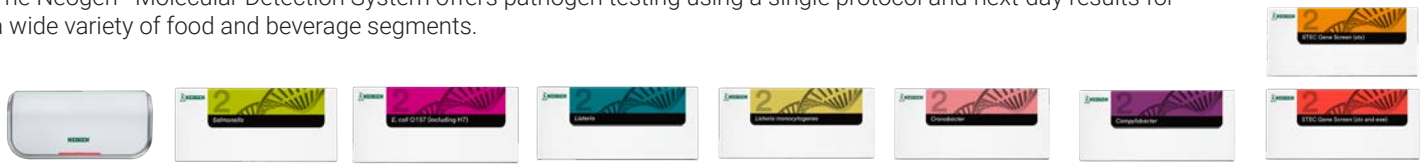
192-4441	S	BX
192-4442	M	BX
192-4443	L	BX
192-4444	XL	BX



***IMPORTANT NOTE for NEUTRALIZING BUFFER:** When using Neutralizing Buffer (NB) as your solution for the sponge, it is required to perform a 1:2 dilution (1 part sample into 1 part sterile enrichment broth) of the enriched environmental sample before testing in order to reduce the risk associated with a false result leading to the release of contaminated product.

Pathogen Testing by Segment

The Neogen® Molecular Detection System offers pathogen testing using a single protocol and next-day results for a wide variety of food and beverage segments.



	MDA 2 - Salmonella	MDA 2 - <i>E. coli</i> O157 (including H7)	MDA 2 - Listeria	MDA 2 - Listeria Monocytogenes	MDA 2 - Cronobacter	MDA 2 - Campylobacter	MDA 2 - STEC Gene Screen (stx and eae)
Animal Feed	✓						
Dairy	✓		✓	✓	✓		✓
Environmental	✓		✓	✓	✓		
Infant Formula	✓				✓		
Milk	✓	✓	✓	✓			✓
Pet Food	✓						
Pork and Meat	✓	✓					✓
Primary Production	✓						
Poultry—cooked and raw	✓		✓	✓		✓	✓
Processed Food	✓		✓	✓			
Produce	✓	✓	✓	✓			✓
Ready to Eat	✓	✓	✓	✓			✓
Reference Labs	✓	✓	✓	✓	✓	✓	✓
Salmon			✓	✓			
Seafood	✓		✓	✓			