

Neogen® Allergen Testing

Plus all the supplies you need to get started



Download our Mobile App!

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Protein Rapid Test Kits & Accessories

The choice of whether to use an allergen-specific test or a non-specific test depends on many factors. Among these are the difference in the number and type of allergens in the products produced in the same area or production line, the time required for the testing, the necessity of quantitative results, the relative technical aptitude of the technician, and the requirements of the customers for whom the products are being produced.

Neogen® Clean-Trace™ Surface Protein (Allergen) Test Swabs

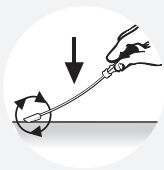
A simple and sensitive test swab that detects non-specific protein residues on surfaces and in solutions. Visual reading of a color change indicates the presence of detectable levels of protein. Detects as little as 3µg of protein. Note: All items listed below are needed to conduct proper testing.

Stock #	Description	Packaging	Unit
351-3062	Surface Protein (Allergen Swabs)	60/ca	CA
038-3061	Thermo Scientific™ Single Digital Dry Baths/Block Heaters	--	EA
038-3082	Thermo Scientific™ Single Digital Block	--	EA
511-3301	Thermco® Spirit-Filled Certified Bottled Thermometers	--	EA




1 Swab

Swab surface firmly. If the surface is dry, wet the swab with the moisturizer supplied in the kit.




2 Click

Activate the swab and shake from side to side for five seconds.



3 Heat

Place the swab into the Digital Heating Block (set to 55°C) for 15 minutes.



4 Interpret Results

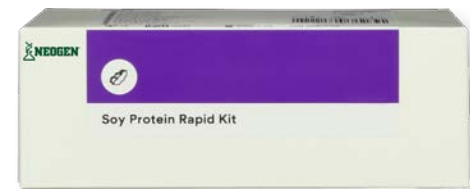
Clean ●

Dirty ●

Neogen® Allergen Protein Rapid Test Kits

A qualitative immunochromatographic assay for rapid in-plant monitoring of specific protein allergens. These fast, 10 to-12 minute tests can be used for clean-in-place (CIP) final rinse water, environmental swab samples, raw ingredients, and finished food products. Additional items needed: swabs (716-7006) and transfer pipets (200-3123), both sold separately.

Stock #	Allergen Protein	Limit of Detection	Packaging	Unit
460-3017	Almond	2.0 ppm	25/bx	BX
460-3007	Cashew	2.0 ppm	25/bx	BX
460-3031	Coconut	2.0 ppm	25/bx	BX
460-3111	Egg White	0.5 ppm	25/bx	BX
460-3003	Fish	1.0 ppm	25/bx	BX
460-3014	Gluten	5.0 ppm	25/bx	BX
460-3008	Hazelnut	2.0 ppm	25/bx	BX
460-3018	Milk	3.0 ppm	25/bx	BX
460-3004	Peanut	1.0 ppm	25/bx	BX
460-3016	Pecan	3.0 ppm	25/bx	BX
460-3006	Pistachio	2.0 ppm	25/bx	BX
460-3002	Soy	2.0 ppm	25/bx	BX
460-3015	Walnut	2.0 ppm	25/bx	BX



100 µL Exact Volume Transfer Pipets

Exact volume transfer pipets are produced from chemically resistant, low-density polyethylene. Designed to dispense a precise volume of 100 µL. Non-sterile. 500/bag.

Stock #	Unit
200-3123	BG



Puritan® Sterile Swab



Sterile polyester tipped applicator with plastic shaft. 6" length. 100/box.

Stock #	Unit
716-7006	BX



Neogen® Allergen Testing Products Help Protect Your Customers and Your Business

Undeclared allergens continue to be the top reason for food recalls in the United States.¹ If you have a risk for allergen cross-contact in your facility, Neogen Allergen Testing Products can help mitigate your risks. By incorporating allergen testing into your validation, verification, and positive release programs, you ensure the safety of both your customers and your business.

¹ "Don't Ignore Food Recalls." U of M Extension, <https://extension.umn.edu/preserving-and-preparing/dont-ignore-food-recalls>. Accessed 12/7/2020.

Reveal® 3-D Allergen Test Kits

A single-step lateral flow device that requires no additional equipment. The three-line readout confirms the method has been performed successfully and differentiates between low and high detection levels. Sample preparation and testing take less than 10 minutes, which is a safe and efficient choice for an on-site food allergen program.



Stock #	Allergen	Rinse/Food Limit of Detection	Swab Limit of Detection	Packaging	Unit
498-3086	Almond	1.1 to 5.0 ppm	1 to 4 µg/100 cm ²	10/kt	KT
498-3021	Coconut	1.0 to 5.0 ppm	1 µg/100 cm ²	10/kt	KT
498-3081	Crustacean	1.0 to 10.0 ppm	40 µg/100 cm ²	10/kt	KT
498-3082	Egg	2.5 to 5.0 ppm	10 µg/100 cm ²	10/kt	KT
498-3131	Gluten	5.0 ppm	5 µg/100 cm ²	10/kt	KT
498-3087	Hazelnut	0.75 to 10.0 ppm	10 µg/100 cm ²	10/kt	KT
498-3094	Total Milk	1.8 to 5.0 ppm	20 µg/100 cm ²	10/kt	KT
498-3088	Mustard	5.0 to 10.0 ppm	20 µg/100 cm ²	10/kt	KT
498-3041	Peanut	1.3 to 5.0 ppm	3 to 4 µg/100 cm ²	10/kt	KT
498-3089	Sesame	5.0 to 10.0 ppm	5 µg/100 cm ²	10/kt	KT
498-3093	Soy	2.6 to 5.0 ppm	2 µg/100 cm ²	10/kt	KT

The additional materials required for the extraction of food samples are sold separately and listed below.

Materials for Extraction of Food Samples

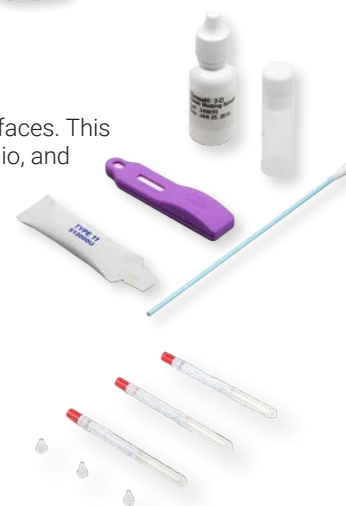
Stock #	Description	Packaging	Unit
498-3112	Reveal® 3-D Food Buffer, 250 mL	--	BO
498-3113	Graduated Polypropylene Test Tubes, 50 mL	50/pk	PK
498-3116	Reveal® 3-D Gluten Food Buffer, 250 mL	--	BO



Reveal® Multi-Treenut Allergen Kit

Intended for the qualitative analysis of treenut residue for clean-in-place rinses and environmental surfaces. This unique all-in-one kit analyzes a variety of tree nuts, including almond, cashew, hazelnut, pecan, pistachio, and walnut, which reduces the need for multiple test kits. Purchasing restrictions may apply. 10 tests/kit.

Stock #	Allergen	Rinse/Food Limit of Detection	Swab Limit of Detection	Unit
498-3083	Multi-Treenut	5.0 to 10.0 ppm	5 to 50 µg/100 cm ²	KT



Neogen® Allergen Environmental Swabbing Kit

The 100 swabs and dropper tips in this kit are intended for sampling environmental surfaces for the possible presence of food allergen residues.

Stock #	Unit
498-3195	KT

Neogen® ELISA Allergen Protein Test Kits

A universal extraction protocol streamlines testing used for multiple analytes. This test kit is used to receive quantifiable results for monitoring specific food allergens across a wide variety of foods. Can be used for clean-in-place (CIP) final rinse water, environmental swab samples, food ingredients, and processed food products. Sold by the box.

- Available for both processed and unprocessed target allergen proteins.
- Requires additional laboratory equipment.

Stock #	Allergen Protein	Limit of Quantification	Limit of Detection	Packaging	Unit
460-3120	Almond	1.0 ppm	1.9 ppb	96/bx	BX
460-3121	Bovine Casein	0.5 ppm	1.7 ppb	96/bx	BX
460-3122	Bovine Total Milk	1.0 ppm	5.8 ppb	96/bx	BX
460-3123	Brazil Nut	1.0 ppm	1.3 ppb	96/bx	BX
460-3124	Cashew	0.9 ppm	2.6 ppb	96/bx	BX
460-3125	Coconut	2.0 ppm	9.7 ppb	96/bx	BX
460-3126	Crustacean	2.0 ppm	10.2 ppb	96/bx	BX
460-3127	Egg White	0.5 ppm	2.1 ppb	96/bx	BX
460-3128	Fish	1.0 ppm	2.7 ppb	96/bx	BX
460-3129	Hazelnut	1.0 ppm	1.9 ppb	96/bx	BX
460-3130	Macadamia	0.3 ppm	1.1 ppb	96/bx	BX
460-3131	Mollusk	1.0 ppm	7.2 ppb	96/bx	BX
460-3132	Mustard	1.5 ppm	3.1 ppb	96/bx	BX
460-3133	Peanut	2.0 ppm	6.7 ppb	96/bx	BX
460-3134	Pecan	0.7 ppm	3.7 ppb	96/bx	BX
460-3135	Pine Nut	0.5 ppm	1.3 ppb	96/bx	BX
460-3136	Pistachio	1.0 ppm	3.5 ppb	96/bx	BX
460-3137	Sesame	2.0 ppm	3.7 ppb	96/bx	BX
460-3138	Soy	2.0 ppm	11.0 ppb	96/bx	BX
460-3139	Walnut	2.0 ppm	6.9 ppb	96/bx	BX



United Scientific EcoPoint™ Variable Volume Pipette

Accurately and reliably dispense liquid samples with ease. The ergonomic design includes a lightweight plunger that allows for comfortable pipetting. It is available in various sizes to meet your pipetting needs.



Stock #	Volume Range	Unit
700-3792	10 to 100 µL	EA
700-3793	100 to 1,000 µL	EA

United Scientific Micropipette Tips

Compatible with many leading brands of pipettes, including 700-3792. Non-sterile (DNase, RNase, and Pyrogen free). 1,000/bag.

Stock #	Volume Range	Unit
700-3700	10 to 200 µL	BG

Universal Pipet Tips

Perfect fit for 700-3793 pipette. Non-sterile (DNase, RNase, and Pyrogen free). Bulk pack. 1,000/pack.

Stock #	Volume Range	Unit
700-3110	200 to 1000 µL	PK



Difference between Limit of Detection and Limit of Quantification

Limit of detection (LOD): The lowest concentration of the allergen in a test sample that can be distinguished from a true blank sample at a specified probability level.³ It is determined by adding three standard deviations to the mean optical density value of forty-eight standard zero replicates and calculating the corresponding concentration.

Limit of Quantification (LOQ): The lowest level of the allergen in a test sample that can be reasonably quantified at a specified level of precision.³

³Abbott, M., Hayward, S., Ross, W., Godefroy, S.B., Ulberth, F., Van Hengel, A. J., Roberts, J., Akiyama, H., Popping, B., Yeung, J.M., Wehling, P., Taylor, S., Poms, R.E., and Delahaut, P. (2010). Appendix M: Validation Procedures for Quantitative Food Allergen ELISA Methods: Community Guidance and Best Practices. J. AOAC Int. 93, 442-450.

Agilent BioTek 405 TS Microplate Washer

Wash steps are critical to many ELISA processes, including colorimetric, fluorometric, and luminometric methods. 405 TS easily accomplishes automated plate washings for accuracy and efficiency.



Stock #	Plate Type	Wash Volume	Residual Volume	Unit
155-3541	96 & 384 Wells	25 to 3,000 µL	< 2 µL	EA

Agilent BioTek 800 TS Absorbance Reader

High precision and versatility make up the fabric of this microplate reader. Color touchscreen enables you to see critical information about your sample status. Built-in software provides fast access to data as well as the ability to customize protocols and swiftly export data onto an external hard drive or printer.



Stock #	Plate Type	Detection Method	Unit
155-3540	6 to 384 Well Plates	Absorbance	EA

Microcentrifuge 2 mL Tubes

When running finished products for allergens, these graduated, 2 mL tubes have an attached snap cap. Certified free from RNase, DNase, DNA, and Pyrogens. They are packaged in a resealable, self-standing bag. Non-Sterile. 500/bag.



Stock #	Unit
200-3010	BG

Bel-Art SP Scienceware™ Rack

2 mL microcentrifuge test tube racks are stackable and hold 24 tubes. Can be steam autoclaved at 121°C.



Stock #	Unit
010-3419	EA

Boekel™ Mini Tube Vortex Mixer

Simple, compact lab vortex mixer with a low-profile and small footprint. Ideal for mixing centrifuge tubes, culture tubes, blood tubes, and test tubes. The unit has a pressure-sensitive cup for touch-activated operation or can run in continuous mode. The suction cup feet prevent the unit from moving during operation.



Stock #	Speed	Maximum Tube Dia
068-3010	300 to 6000 RPM	20 mm

OHAUS® Frontier™ 5306 Mini Centrifuge

A powerful mini centrifuge for simple and rapid liquid separation. Includes an eight-position, 1.5/2 mL tube rotor as well as a four-position eight-strip PCR tube rotor that can accommodate 32 individual PCR tubes or 0.2 mL strip tubes. With the included adapters, 0.2 mL and 0.5 mL strip tubes can be accommodated in the eight position tube rotor, further increasing its versatility.



Stock #	Rotating Speed	Scope	Maximum Capacity
500-3901	6000 RPM		8 x 1.5 mL/2 mL



GLUTEN



SESAME



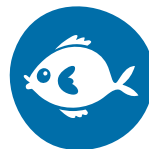
TREE NUTS



CRUSTACEANS



EGGS



FISH



MUSTARD



MILK



CELERY



PEANUTS



SOY



MOLLUSCS



LUPIN



SULPHITES

Reagent Reservoir

Sterile, white reservoirs are recommended if testing several samples at a time. Angled design promotes funneling of liquid to maximize retrieval. 50 mL.



Stock #	Description	Packaging
250-3223	Individually Wrapped	80/ca
250-3224	5 Bulk Packed	200/ca

Centrifuge Tubes

Durable polypropylene tube with conical bottom and graduated for accurate measuring. 500/case.



Stock #	Capacity	Unit
250-3064	15 mL	CA
250-3068	50 mL	CA

Bel-Art™ Test Tube Racks

SP Scienceware™ No-Wire™ autoclavable test tube racks for centrifuge tubes.



Stock #	Capacity	Unit
010-3747	Holds 40 Tubes	EA
010-3749	Holds 21 Tubes	EA

Puritan® Sterile Swab

Sterile polyester tipped applicator with plastic shaft. 6" length. 100/box.



Stock #	Unit
716-7006	BX

Sealing Film

Adhesive plate sealing film to cover microplate wells to prevent spilling and evaporation during incubation steps. 50/pack.



Stock #	Unit
250-3225	PK

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. 1-gallon capacity. 6-gallons/case.



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

Weighing Boat

For use with analytical balances and weighing out solid samples. Smooth texture allows solids to flow freely. White. 500/box.



Stock #	Size	Capacity	Unit
320-3004	3.5" x 3.5"	85 mL	BX

Micro Spoon

Spoon and spatula all-in-one.



Stock #	Material	Length	Unit
700-3230	Stainless Steel	9"	EA

SP Bel-Art Wide-Mouth Wash Bottle

Label your own wash bottle to store 1X Neogen® Wash Solution for manual washing of ELISA plates.



Stock #	Capacity	Unit
010-3649	500 mL	EA

Eisco Scientific Graduated Cylinders

Crafted from borosilicate glass that offers excellent durability. Easy to read graduation markings ensure accurate readings. A protective collar shields the cylinder from breakage during use, while the hexagonal base provides stability on countertops.



Stock #	Capacity	Unit
110-3014	100 mL	EA
110-3013	250 mL	EA
110-3032	500 mL	EA

Eisco Scientific Reagent Bottles

Store laboratory chemicals safely and easily. Each bottle is crafted from durable borosilicate glass, making it resistant to thermal shock and chemical corrosion. The included plastic stopper provides an airtight seal, while the transparent glass quickly identifies liquids.



Stock #	Size	Unit
100-3137	100 mL	EA
100-3002	250 mL	EA
100-3117	500 mL	EA
100-3035	1,000 mL	EA

Sartorius Tacta® Mechanical Pipette

This top-quality instrument is designed for easy pipetting and has an ergonomic design that reduces hand strain. The Optilock feature prevents accidental volume changes, ensuring accurate and reliable results with every use. The Tacta is a must-have for any laboratory that values efficiency and precision.

Stock # **Volume Range** **Unit**

Single-Channel

187-3434 2 to 20 µL EA

187-3437 100 to 1,000 µL EA

8-Channel

187-3441 5 to 100 µL EA

SARTORIUS



Sartorius Optifit Pre-Sterilized, Racked Pipette Tips

Designed for seamless compatibility with Sartorius pipettes, these sterile, racked tips offer exceptional performance in every pipetting task. The Optiload feature ensures effortless tip attachment and ejection, while the high-quality plastic construction guarantees reliable sealing. 960/pack.



Stock # **Volume Range** **Unit**

187-5142 0.5 to 200 µL PK

Sartorius Optifit Wide Bore, Sterile, Racked Pipette Tips

Optimized to perfect fit and provide a leak-tight seal on Sartorius pipettes for maximum pipetting accuracy and reproducibility. The tip trays' color-coding enables you to easily find the matching color-coded Sartorius pipette. Manufactured in an ISO 8-certified cleanroom environment. 960/pack.



Stock # **Volume Range** **Unit**

187-3421 10 to 1,000 µL PK

SBR17 Shel Lab® Shaking/Reciprocating Water Bath

Accurate, easy to use, safe, and durable. Shel Lab high-performance water baths have a digital set/digital read P.I.D. temperature controller that maximizes rapid heat-up without temperature overshoot.

A P.I.D. microprocessor achieves precise temperature control regardless of how the unit is loaded. It has a unique lid design that allows condensation to drain back into the tank without spilling onto the work area. A warm air jacketed design radiates heat to the sides and bottom of the tank, eliminating hot spots.

Shaking speed is variable from 20 to 200 oscillations per minute, and the stroke length can be adjusted to three separate settings: 0.5, 1.0, or 1.5" to minimize the chance of accidental spillage. 2-year limited warranty.

Stock # **Capacity** **Temperature Range** **Temperature Uniformity** **Unit**

586-3077 17 L Ambient +5° to 80°C ± 0.2% at 37°C EA



SHEL LAB®

Boekel™ Scientific Microplate Shaker

A reliable, programmable laboratory shaker for microplates. This unit provides regulated and timed shaking with an interchangeable tray for two or four microplates. Simple screw attachments allow quick and easy fitting of any standard depth 96- or 384-well plates, holding the plates securely in place. Standard platform for two microplates, included. Ideal for any laboratory. 2-year warranty.

Stock # **Speed Range** **Capacity** **Dimensions** **Orbit** **Timer**

068-3102 250 to 1000 RPM 2 Plates 10.75"W x 10.25"D x 3.5"H 2 mm 1 min to 96 hrs



BOEKEL
Boekel 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, 620 g capacity, 0.01 g readability, and 4.7" round pan size. AC adaptor included, or use (4) AA batteries (not included).



Stock #	Screen	Unit
501-3404	Backlit LCD	CA

OHAUS® Frontier™ Series Multi-Function Centrifuge

Reliable, compact, low-speed general-purpose centrifuges. The standard rotor options can process both round and conical bottom tubes (including common blood tubes), and can also be adapted easily with accessories to process smaller tubes. Designed with convenient operation in mind, the Multi-Function Centrifuges feature an intuitive interface. The compact profile helps to save valuable bench space in labs. Rotor sold separately.



Stock #	Speed Range	Centrifugal Force	Max Capacity	Dimensions	Power
500-3055	200 to 6,000 RPM	4,427 g	(Rotor) 6 x 50 mL	10.5" x 15.4" x 11.5"	AC Power (Included)

Angle Rotors

Stock #	Capacity	Unit
500-3083	12 x 15 mL tubes	EA
500-3078	6 x 50 mL tubes	EA
500-3091	6 x 5 mL tubes	EA



Waring® WSG30 Commercial Heavy-Duty Electric Spice Grinder

Grind up the freshest ingredients effortlessly and in record time. Perfect for peppercorns, cinnamon sticks, star anise, nuts, and much more. Grinds samples finely in seconds. PULSE feature helps manage consistency of grind. Includes (3) dishwasher-safe, stainless steel grinding bowls and lids.



Stock #	Capacity (Dry Only)
733-3984	1.5 Cup

Waring® WSG60 Wet/Dry Power Grinder

Perfect for peppercorns, cinnamon, nuts, garlic, herbs, and other dry and wet blends. Includes (2) fully removable and dishwasher-safe, stainless steel grinding bowls with convenient storage lids. Sealed clear-view operating lid allows for liquid processing up to 1.5 cups to make pastes, dressings, sauces, creams, and more. Features a commercial-grade, 1-HP motor that runs at 20,000 RPM and extra durable stainless steel grinding blades.



Stock #	Capacity
733-3983	3 Cup

Allergen Testing Designed For Your Lab.

Food allergens are a major concern for food and beverage manufacturers. A robust food safety program should include environmental monitoring and allergen control to assist with allergen exposure and recall situations. Specific and non-specific allergen tests are two general approaches for cleaning verification.

We have the tools you need to achieve a successful allergen program. Ensure the safety and quality of your products with Neogen® allergen detection solutions, plus all of the supplies you need to get started.