

Read instructions carefully before starting test



AccuClean Advanced

Rapid Protein Residue Test

Store at 20–25°C (68–77°F) • Do not freeze

INTENDED USE

AccuClean Advanced is intended to be used as a simple method to determine the cleanliness of food contact surfaces and equipment.

HOW ACCUCLEAN ADVANCED WORKS

AccuClean Advanced determines cleanliness by detecting any protein residues left behind from previously processed food and liquids. If no protein is detected, the solution in the bottom of the cup will remain copper-colored to indicate the surface is clean. A color change to gray indicates low level protein has been detected, while a change to green/blue or blue indicates a higher level of protein detected.

STORAGE REQUIREMENTS

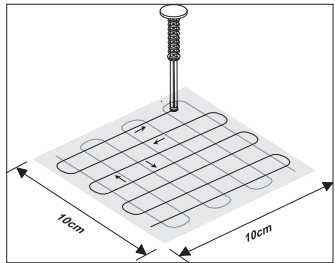
This product can be stored at room temperature for up to 6 months. The shelf-life can be extended to 12 months by storing in refrigeration. In this case, allow 2 hours for samplers to warm to room temperature before use.

PRECAUTIONS

1. Handling the lower portion of the sample handle may contaminate the test.
2. All AccuClean Advanced reagents are sealed in the cartridge and should not leak with proper use. Do not attempt to open the cartridge after activation. If the solution in the cartridge comes into contact with skin or eyes, rinse the area thoroughly with plenty of water for 15 minutes. If irritation develops, seek immediate medical attention.
3. Results for sampling should be read from the color change in the solution, not the sample pad.
4. AccuClean Advanced results may be affected by high levels of detergents and cleaners present on a surface, and may result in inaccurate assay results. If testing on a known clean surface results in a color change or clear solution, this may be indicative of detergent or cleaner residue on the surface. Rinse the surface thoroughly and test again to obtain accurate results for surface contamination.
5. Follow proper established laboratory procedures.
6. Do not use past expiry date.

TEST PROCEDURE

1. Remove the plunger portion of the device and place the end with the pad on the surface to be tested.
2. To sample, crisscross a 4 X 4 inch (10 X 10 cm) portion of the surface. For best results, sample in a back-and-forth motion within the sampling area as shown.
3. Return the plunger to the cartridge and activate by pressing it fully into the cartridge. Shake the cartridge for ten seconds and read by examining the color of the remaining solution using the provided color comparator.



INTERPRETATION OF RESULTS

If the solution contained in the bottom of the cartridge's cup remains copper-colored, the test is considered to 'Pass' and the surface is clean, requiring no further action. A color change to gray (low level), green/blue or blue (higher level) is indicative of increasing protein contamination on the surface.

DISPOSAL

Dispose in accordance with all applicable federal, state and local environmental regulations.

CUSTOMER SERVICE

Neogen Customer Assistance and Technical Services can be reached by using the contact information on the back of this booklet. Training on this product, and all Neogen test kits, is available.

SDS INFORMATION AVAILABLE

Safety data sheets (SDS) are available for this test kit, and all of Neogen's test kits, on Neogen's website at www.neogen.com, or by calling Neogen at 800/234-5333 or 517/372-9200.

TERMS AND CONDITIONS

For Neogen's full terms and conditions, please visit www.neogen.com/Corporate/termsconditions.html.

WARRANTY

Neogen makes no warranty of any kind, either expressed or implied, except that the materials from which its products are made are of standard quality. There is no warranty of merchantability of this product, or of the fitness of the product for any purpose. Neogen shall not be liable for any damages, including special or consequential damage, or expense arising directly or indirectly from the use of this product

TEST KITS AVAILABLE FROM NEOGEN

Natural toxins

- Aflatoxin, DON, ochratoxin, zearalenone, T-2/HT-2 toxins, fumonisin, histamine

Foodborne bacteria

- *E. coli* O157:H7, *Salmonella*, *Listeria*, *Listeria monocytogenes*, *Campylobacter*, *Staphylococcus aureus*, *Salmonella enteritidis*

Sanitation

- ATP, yeast and mold, total plate count, generic *E. coli* and total coliforms, protein residues

Food allergens

- Almonds, crustaceans, eggs, gliadin, hazelnut, lupine, milk, mustard, peanuts, sesame, soy, walnuts, multi-treenut

Genetic modification

- CP4 (Roundup Ready®)

Ruminant by-products

- Meat and bone meal, feed

Species identification

- Raw and cooked meat samples



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Patent: <http://www.neogen.com/Corporate/patents.html>