

Neogen Corporation

Neogen is a leader in developing and marketing diagnostic test kits that provide simple food safety solutions. Its products are unsurpassed in terms of ease of use, convenience and speed.

Dairy processors and producers can easily perform on-site testing of dairy products quickly, easily, and without heavy investment in instruments or facilities. Rapid testing options include:

- Rapid microbial tests, which allow for the early detection of potential spoilage organisms, including detection of yeast and mold in 48 hours;
- Dairy antibiotic tests, which allow for the detection of excess antibiotic residues in only minutes;
- Sanitation verification tests, which allow for the almost instant verification of cleanliness of food contact surfaces prior to production;
- Allergen testing kits, which allow verification of cleaning regimes with simple on-site tests that take only 5 minutes.

Neogen's products include:

1. Rapid microbial testing

Neogen's Soleris® system is a rapid optical method for the accurate detection of microbial contamination based on an innovative application of classic microbiology. Soleris takes a reading every 6 minutes to provide easy-to-interpret, realtime results that indicate the presence or absence of



the target contaminant in a sample. The 48-hour yeast and mold test for Soleris detects contamination faster than traditional methods, which can take up to 5 days.

2. Foodborne allergen testing

Reveal® 3-D for Total Milk Allergen screens for milk residue at 5 parts per million (ppm) in liquid products (e.g., juices and sorbet), clean-in-place rinses, and on environmental surfaces. Neogen also offers the Reveal 3-D line of food allergen tests for soy, egg, peanuts, tree nuts and gluten/gliadin. The tests provide greater reliability than ever before, and are especially useful in allowing multipurpose production lines to be tested quickly and reliably following the sanitation process — with results in as little as 5 minutes.

3. Sanitation verification

Neogen's AccuPoint® Advanced ATP Sanitation Verification System puts the speed and convenience of ATP testing in a lightweight, rugged instrument that fits in the

palm of your hand. AccuPoint's uniquely sturdy sampling devices consistently collect and detect potential contaminants from surfaces, liquids and typically hard-to-access areas, such as filler heads. AccuPoint's intuitive software provides exceptional traceability and easy data analysis.

4. Beta-lactam testing

BetaStar® Plus is a receptor-based lateral flow assay for the detection of beta-lactam residues, including ceftiofur, in milk in just 5 minutes. This easy-to-use format has wide acceptance in the international dairy market and has been evaluated by the U.S. FDA and approved by the NCIMS for screening of raw commingled cow's milk.

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