



TECHNOLOGY &
EXPERTISE TO
**GIVE YOU
THE EDGE**



Hill Laboratories
TRIED, TESTED AND TRUSTED

FOOD MICROBIOLOGY TESTING

TESTING

www.hill-laboratories.com

WHY CHOOSE US?

■ INDEPENDENT

100% New Zealand owned and operated, Hill Laboratories is New Zealand's largest independent laboratory, guaranteeing customers impartial, accurate information and results, every time. Conducting business with honesty and integrity are the values on which Hills is built on.

■ SERVICE

We've got New Zealand covered with a comprehensive suite of analytical tests for the agriculture, environmental, and food and bioanalytical sectors. We offer a one-stop-shop for all your testing needs.

■ EXPERTISE

State-of-the-art technology and instruments mean little without the right people to operate them. At Hills, it's the expertise that sets us apart. Our highly qualified and experienced team has the knowledge and nous to tackle any analytical testing scenario, often pioneering new tests for many industries.

■ EXCELLENCE

Our attention to detail, focus on innovation, industry leading quality systems and our desire to continually improve our service has kept us at the forefront of analytical testing in New Zealand.





MICROBIOLOGICAL TESTING ENABLES YOU TO MANAGE YOUR BUSINESS RISK AND MAINTAIN YOUR BRAND REPUTATION, BY IDENTIFYING HARMFUL MICROORGANISMS AND ENSURING YOUR CUSTOMERS SAFETY FROM FOODBORNE DISEASES.

It also enables you to comply with relevant food safety regulations, and can help to show that your production processes or hygiene procedures are working.



**HILL LABORATORIES
INNOVATIVE PCR TESTING
WILL INCREASE THE
EFFICIENCY OF YOUR
BUSINESS BY GIVING YOU
FASTER RESULTS, WITH THE
ADDED BENEFIT OF FEWER
FALSE POSITIVES.**

We offer the very latest in real-time PCR technology to provide rapid and accurate testing for the presence of pathogens. The power of DNA-based testing is that it can be done quickly and with high specificity, meaning faster turnaround times and less false positives.

We have one of New Zealand's most extensive array of PCR-based tests and test accreditation's available, and a team of molecular biologists working on the development of molecular biology based tests that are both unique to us and address industry requirements.

Challenge Testing

Microbiological challenge testing has been, and continues to be, a useful tool for determining the ability of a food to support the growth of spoilage organisms or pathogens. Microbiological challenge tests also play an important role in the validation of processes that are intended to deliver some degree of lethality against a target organism or group of target organisms.



Pathogen Testing

Hill Laboratories has an extensive array of pathogen-related tests that are performed using either traditional culture, or molecular based detection. Our tests have industry leading turnaround times and can be used with a wide variety of different sample types - ranging from raw material to finished product, as well as environmental monitoring by swab.

Some of our routinely analysed pathogens are listed below, however a complete listing of our pathogen testing options and the associated test detail is available on request.

- *Listeria* species (by PCR)
- *Listeria monocytogenes* (by PCR)
- *Salmonella* (by PCR)
- Aerobic plate count (APCs)
- Enterobacteriaceae
- Total coliforms
- Faecal coliforms
- *E. Coli*
- STEC *E. coli* ((including O157) by PCR)
- *Clostridium perfringens*
- *Staphylococcus aureus*
- *Bacillus cereus*
- Lactic acid bacteria
- Mesophilic spores
- Yeasts and moulds
- *Campylobacter*

Shelf Life Testing

Ensuring that shelf life claims are accurate, is a critical component to the manufacture of products that are prone to spoilage. To make this process fast and convenient Hill Laboratories offers a dedicated Shelf Life Test.



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CONTACT US today to talk to
one of our friendly **CLIENT
SERVICES MANAGERS** and
find out more.



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