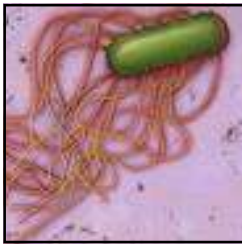


## MICROGEN BIOPRODUCTS LTD

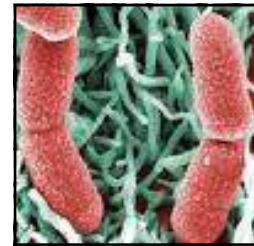
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**Salmonella**



**Listeria**



**Coliforms**

# PATH-CHEK HYGIENE PATHOGEN SYSTEM

## RAPID TESTS FOR THE DETECTION OF PATHOGENIC BACTERIA FROM WORK SURFACES OR PROCESSING EQUIPMENT

- **HIGH LEVELS OF SENSITIVITY (<1 CFU PER 10CM<sup>2</sup>) AND SPECIFICITY**
- **COMPLIANT WITH THE REQUIREMENTS OF ISO 18593:2004(E)**
- **MEETS THE REQUIREMENTS OF USDA/FSIS AND US FDA TESTING METHODS**
- **PRE-MOISTENED SWABS INCREASE RECOVERY FROM WET AND DRY SURFACES, NEUTRALISES RESIDUAL DETERGENTS AND SANITISING AGENTS AND PRESERVES ORGANISMS.**
- **SPECIFIC PATHOGEN DETECTION BROTH AVAILABLE FOR LISTERIA, COLIFORMS AND SALMONELLA**
- **CONVENIENT AND EASY-TO-USE**
- **NO NEED TO TAKE INCUBATION MEDIA INTO PRODUCTION AREA**

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**Protecting Food and Health**

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As food manufacturers and processors realise the importance of microbiological environmental hygiene monitoring as part of a good manufacturing practices in the food industry, the need for a cost-effective, easy-to-use, rapid and accurate method for environmental sampling has become increasingly more important. Microgen Bioproducts Ltd has met this need by developing a new range of environmental pathogen detection systems: Path-Chek Hygiene Pathogen Systems. These systems meet all of the requirements of ISO Standards for environmental sampling (ISO 18593:2004 (E)) through the use of pre-moistened swabs for the sampling of surfaces, combined with organism specific chromogenic detection broth into which the swab is placed and incubated at 35-37°C.

The range of Path-Chek Hygiene Pathogen Systems consist of tests for 3 organism types; Listeria, Coliforms and Salmonella.

All three systems utilise an identical test principle. Bacteria are recovered from the surface of food manufacturing or processing equipment using a pre-moistened swab, which is capable of neutralising commonly employed detergents and sanitisers. The sample swab is then transferred into an organism specific media (swabs have a conveniently located break point so that they can easily be broken off into the growth media). The test media are then incubated at 35-37°C for 18-24 hours for Coliforms and Salmonella, and 30-48 hours for Listeria (earlier positive results are available at 24 hours for *L. monocytogenes*). If the specific target bacteria are present on the sample swabs, bacterial growth will cause the colour of the media to change.

Test reactions:

Coliform Results:

Positive



Negative

Salmonella Result:

Positive



Negative

Listeria Result:

Positive



Negative

### Microgen Path-Chek Hygiene Pathogen Detection Broth

**Microgen Path-Chek Hygiene Swabs**

**Pack Size** 100 swabs  
**Storage** Room temperature

**Pack Size** 100  
**Storage** 2-8°C  
**Listeria** PC080  
**Salmonella** PC020  
**Coliforms** PC010