



Path-Chek Hygiene Protein

A simple, inexpensive and rapid test for the detection of food residue from food manufacturing surfaces

What Is It?

- A double headed swab which is pre-moistened with protein detection reagent.





What Does it Do?

- Detects the presence of protein residue from food surfaces on work surfaces and manufacturing equipment in food handling and manufacturing environments



Test Principle

- Path-Chek Hygiene Protein provides an instant, simple and rapid result for the detection of protein residue from food residue, which will remain on food manufacturing surfaces if cleaning and sanitising procedures are not effective.



Test Principle Cont'd....

- The test detects protein and not bacteria so for pathogen testing use Path-Chek Hygiene Listeria, Salmonella or Coliform.
- Although, if food residue remains on the surface, there is a high probability that bacteria are also present.



Kit Contents

- PC006 Path-Chek Hygiene Protein
50x swabs (100 tests)

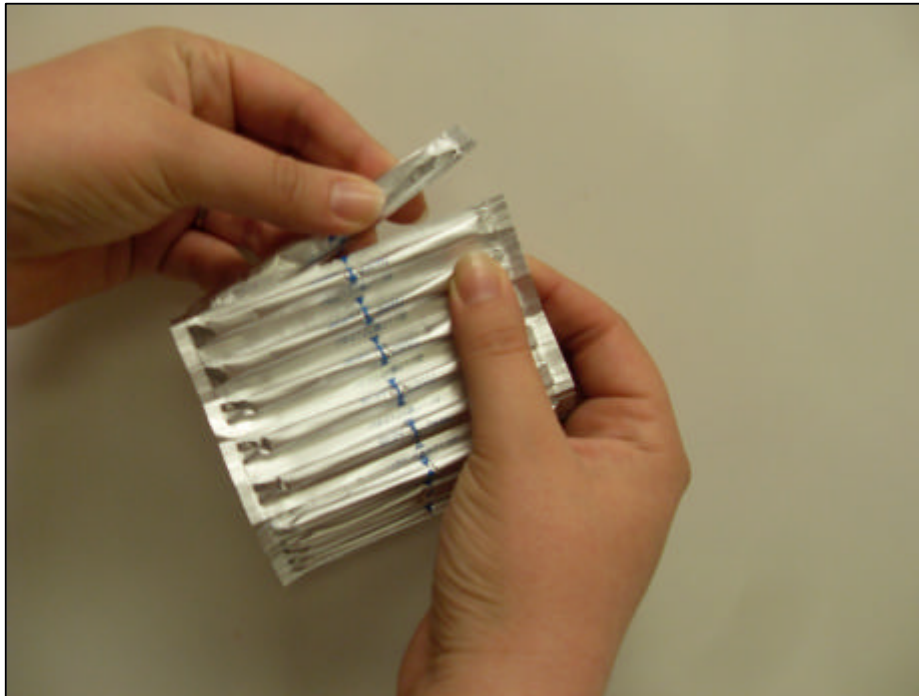


Additional Materials

- Template 10 x 10cm (to assist with sampling)

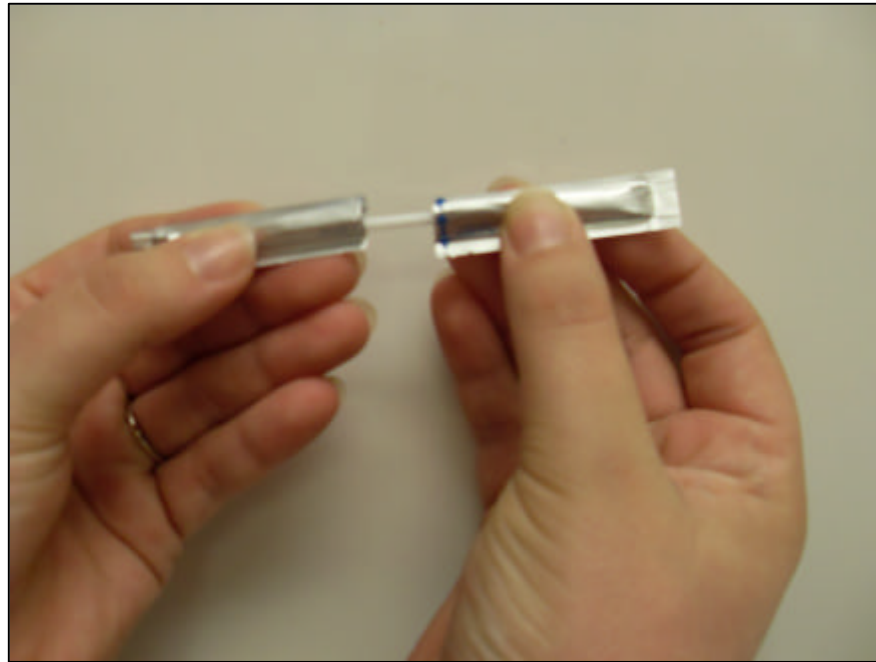
Procedure

1. Separate the number of swabs required



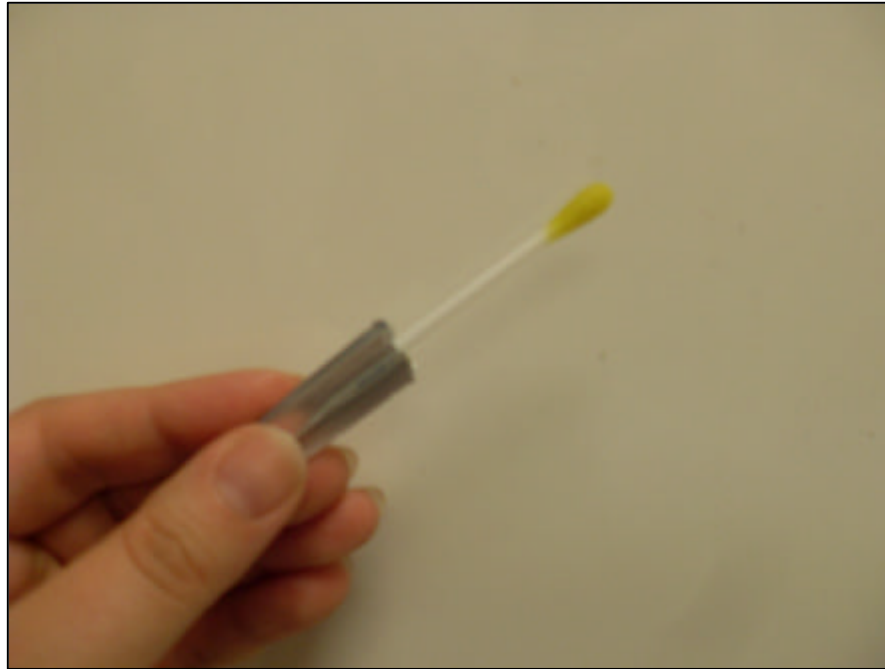
Procedure

2. Tear the swab at the mid-point as indicated



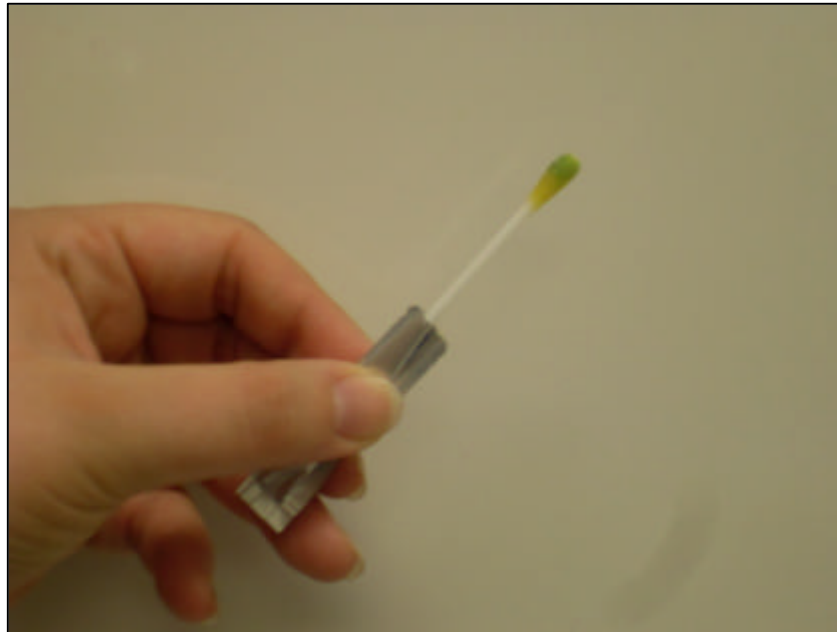
Procedure

3. Test sample area with exposed swab head



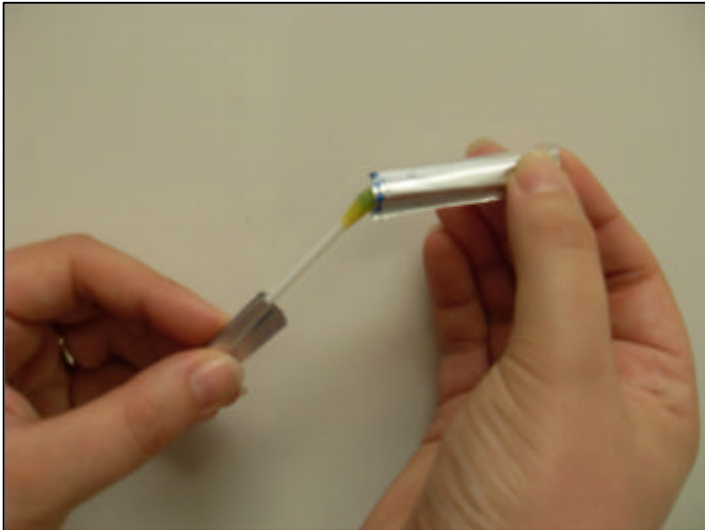
Procedure

4. A positive reaction is indicated by the swab head changing from yellow to green within 5 seconds.



Procedure

5. Use removed foil package to cover used swab head. Opened swabs can be stored in a zip lock bag at 2-8°C for up to 7 days.





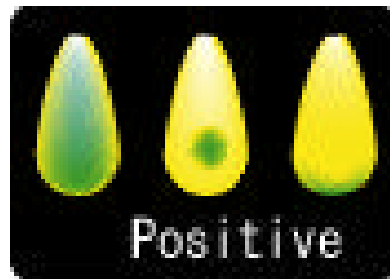
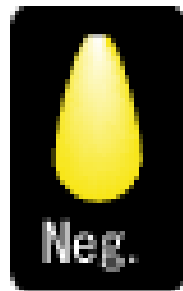
Procedure

6. Used Path-Chek Hygiene Protein swabs may be disposed of using common waste disposal systems. The swabs do not contain hazardous materials.
7. Any residue left by the swab will rapidly evaporate.

Interpretation of Results

Negative Result: the swab head remains a yellow colour

Positive Result: a positive reaction, i.e. the presence of protein (food residues, bacteria etc) is indicated by the development of a BLUE to GREEN colour, depending on the levels of contamination.





Features and Benefits

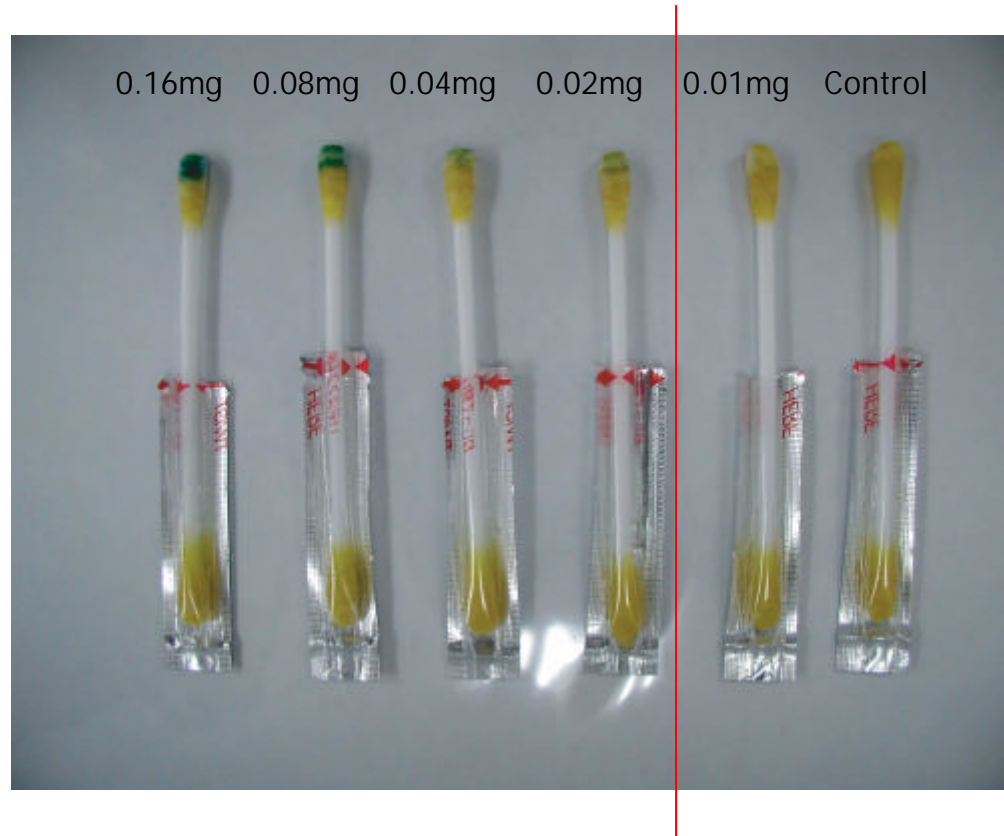
- Features

- 2 swab heads per swab
- Simplicity
- Time to result: 5 seconds!
- Visual read
- Flexibility

- Benefits

- Cost: inexpensive method of hygiene monitoring.
- Test can be performed without laboratory facilities and minimal training so any member of staff can perform test.
- Rapid result allows immediate answer can be acted upon if necessary i.e. repeat cleaning on dirty surfaces.
- No instrumentation required
- If only 1 test is required, unused tests may be stored in a sealed plastic bag for up to 7 days for later use.

Performance Characteristics



Path-Chek Hygiene Protein detects a minimum of 0.02 mg of protein (bovine serum albumin)