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Easy Check

**Test for Hygiene Surveillance
in Food Processing Companies**

Cat. no. DT-1050
50 Tests

Cat. no. DT-1100
100 Tests

Instruction Manual

Easy Check

Safety Precautions and First Aid:

- **Keep the test out of the reach of children!**
- **Avoid contact of eyes and skin with the reagents! In case of contact flush eyes with copious amounts of water and contact your physician. In case of skin contact, rinse with plenty of water.**
- **If swallowed, wash mouth with water, provided person is conscious. Drink one or two glasses of water. Do not induce vomiting and immediately get medical advice.**
- **If spilled, wipe surface with a paper tissue and thoroughly clean your hands.**

Ingredients:

Reagent solution 1: water, phosphate buffer, staining reagent
Reagent solution 2: water, copper sulfate
Wiping solution: water, 2-propanol, detergent

Disposal of test material:

- Discard **test swabs** in the litter bin.
- Pour **reagent solution** in the sink. Rinse with plenty of water.
- Rinse **test tubes** and **reagent bottles** with plenty of water and discard in the litter bin.

Easy Check

Contents:

	<u>Cat. no. DT-1050</u>	<u>Cat. no. DT-1100</u>
Reagent solution 1	bottle with 30 ml	bottle with 60 ml
Reagent solution 2	bottle with 3 ml	bottle with 6 ml
Wiping solution	bottle with 3 ml	bottle with 6 ml
Test swabs	50 pieces	100 pieces
Test tubes	50 pieces	100 pieces
Wiping template	16 cm ²	16 cm ²
Tube rack		
Color scale		
Document sheet		

Fields of application:

Food-processing companies have to implement extremely high hygienic standards. All equipment and working benches, contaminated with food have to be free of residues after cleaning.

Food residues will persist, if cleaning is insufficient. They may contain bacteria or function as substrates for micro-organisms. The major components of these substrates are proteins.

Easy Check is an effective and sensitive tool to detect even minor traces of proteins. Easy Check provides you with clear information on the success of your cleaning and disinfection measures.

Please note, that this test system does not specifically detect bacteria or other micro-organisms!

Handling and Storage:

- Strictly follow the instruction manual!
- Store test kit dry at ambient temperatures (10 – 30 °C).
- Do not use test kit past expiry date!.
- Once opened use up the reagents rapidly and close reagent bottles after use.
- Test components are made for single use only!
- Conduct the test at ambient temperature.

Test Procedure:

A) Preparation of reagent mix

1. Dispense 15 drops of **reagent solution 1** into a test tube.
2. Add one drop of **reagent solution 2**.
3. Shake the test tube gently. The color of the solution will change to blue-green.

!!! Do not cover the opening of the test tube with your finger tip!

B) Sampling

1. Put the **wiping template** onto the surface to be checked.
 2. Remove a new **test swab** from the package.
- !!! Never apply any other test swabs than those provided and never touch the wiping tip. If this has accidentally happened, discard the test swab.**
3. Apply one drop of **wiping solution** to the tip of the swab.
 4. Fix the wiping template with one hand and hold the test swab in the other hand. Wipe the test area thoroughly, first with one side then with the other side of the wiping tip. The template should not be moved during wiping!

C) Sample evaluation

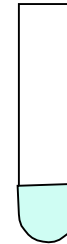
1. Insert the test swab into the reagent tube, containing the reagent mix (A).
2. Shake the test tube for about 30 seconds.
3. After 15 minutes compare the reagent solution with the color of the scale supplied.

Color scale:

- Blue - green:** clean!
Grey: borderline, but still acceptable!
Pink: moderately contaminated, cleaning recommended!
Dark red: severely contaminated, cleaning urgently required!

Test Procedure

A) Preparation of reagent mix

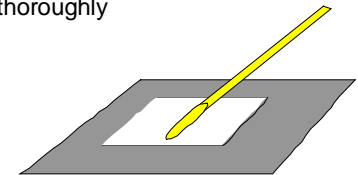
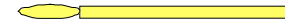


Mix 15 drops of **reagent 1** with 1 drop of **reagent 2** and shake gently

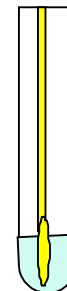
B) Sampling



Moisten test swab with 1 drop of **wiping solution** and wipe off test area thoroughly



C) Sample evaluation



Insert test swab in the reagent tube and shake gently

Compare color development after **15 min** with color scale

