CleanTrust Surface Protein Test Swab Instructions

Description

The CleanTrust surface protein test swab is a ready to use rapid test swab used to detect protein residues on cleaned surfaces. After smearing the surface of the object, if protein is present, the solution will change from green to purple. The faster and darker the color change, the higher the protein content.

Procedure：

1. Place the swabs at room temperature to reach ambient temperature (21-25°C) before performing the test. Hold the top of the swab tube and gently twist the swab out of tube (do not pull the tube straight out!).

2. Use the cotton tip for sampling, wipe the surface of the object evenly, rolling and wiping in a Z shape, wiping an area of about 10*10cm. After sampling, put the cotton tip back into the swab tube. (For irregular surfaces, ensure the swabbing technique remains consistent for each test and swab a large enough area to collect a representative sample).

3. Break the snap valve, Squeeze the bulb to expel all the liquid down to the swab shaft, bath the cotton tip in the liquid by shaking for 10 seconds.

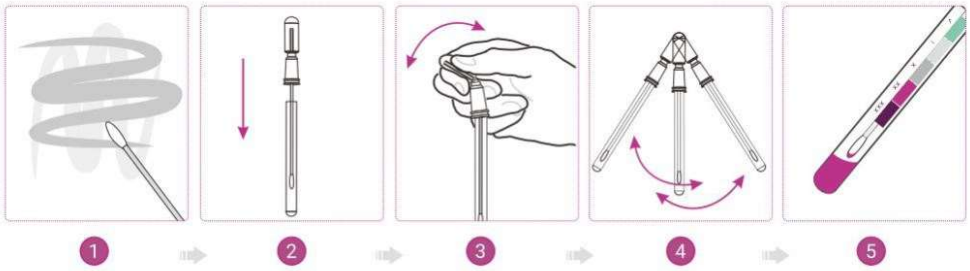
4. Wait 10 minutes at room temperature, compare the color of reagent in the tube to the color chart on the tube label and record the result.: Most color changes take place in less than 60 seconds.

Note： Protein is a common substance. It is present on skin, hair and on many surfaces. Do not touch the swab or the surface to be tested.

• Rotate the swab to maximize the amount of sample collected on the swab tip when sampling.

• Apply enough pressure to bend the swab shaft.

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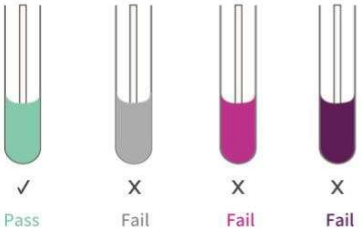
Interpretation

The speed and depth of the color change of the protein swab solution reflect the amount of protein residue on the test surface.The more protein collected, the quicker and darker the color change.There is no need to continue timing if the color changes to purple before 10 minutes.

Green：Pass. No further action is required.

Grey：Caution. A small amount of protein residue is present, repeat testing or test after cleaning

Purple：Fail. Not clean, repeat cleaning and testing





Sensitivity

Room temperature（20-25℃）：

80μg after 1 minute

50μg after 5 minutes

20μg after 10 minutes

Storage and valid time：

Store at 2°C-25°C up to 12 months, Or 2°C-8°C up to 2 months if package opened. Once the foil package is opened, store unused swab in the refrigerator in the resealed foil package.

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