

## **NEW** Protein –Test for Scopes/EDP

### Instructions for use

#### Protein Residue Instrument Assay:

A test kit for the detection of protein residue in flexible scopes.



1. Gloves must be worn throughout the test procedure to avoid contamination of the test.
2. At a minimum, the biopsy channel of a flexible endoscope is the most critical to be tested. This is done after cleaning and before the sterilization /disinfection process.
3. Place the vial into the holder provided unscrew cap. Make sure to moisten the cotton swab with a drop of clean water before testing the channel of the scope. Do not use chlorinated water.
4. Insert the swab end of the wire into the scope/biopsy channel. Push it all the way through one (1) time.
5. Place the swab into the vial. Cut the swab end off into the vial with the supplied scissors. Do not touch swab. Place cap back on the vial and tighten and shake at least 5 times. If protein is present, color change of the liquid and/or on the swab to blue-green will occur. In case of soluble proteins, there will be an immediate color change. In the case of denatured proteins (often the case with instruments subjected to reprocessing) color change can take up to 5 minutes. **To remove the remaining segment of the Endocheck pull the wire out from the distal tip. Dispose in trash according to facility policy**
6. Check the liquid and the swab for a **color change to blue-green within 5 minutes and no longer**. If no color changes within 5 minutes the test is negative for protein. Record the result for quality assurance. 1µg of denatured protein residue on the swab will develop a small blue-green spot.

In the presence of large amounts of soluble protein the whole indicator solution will change blue-green.

NOTE: Positive controls can be used for verification and training purposes.

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### **-INFORMATION-**

#### PRINCIPLE

The formation of a protein-dye complex is used to detect small protein residue by means of a colour change on a swab. Swabbing is the preferred sampling technique in order to also detect insoluble residue.

#### RANGE OF APPLICATION

Detection of protein residues on surfaces. Examples: Chamber walls of WD's, Ultrasonic cleaner, work bench, surfaces of surgical instruments or inside channels of endoscopes. Test for residues of protein based test soils.

#### MEASURING RANGE

The test kit can detect down to 1 µg of insoluble protein by showing a blue-green spot.

#### INTERFERENCES

Contact to alkaline substances (larger amount of alkaline detergent) can trigger colour change. Quaternary ammonium salts (used in some disinfectants) will give a false positive result. Contact to bare hands can transfer protein particles onto the swab and may give a false positive result.

#### CONTENTS OF PACKAGE

12 X single use tests for detection of protein residue on surfaces and inside hollow instruments like flexible endoscope.

**STORAGE:** Store EDP in a cool place at 2°C- 25°C. Keep away from light and heat and do not freeze.

**SHELF LIFE:** See imprint

**Updated SMK 1/20/2012**