

ProExpose™ Protein Detection Test

Technical Data Sheet

Summary:

The ProExpose Protein Detection Test is a simple check test designed to detect residual proteins on surgical instruments, rigid and flexible endoscopes, washer-disinfection equipment, ultrasonic cleaners, and other potentially contaminated surfaces by means of a color change in the test solutions. The test is available in two versions:

- ProExpose Short Swab kit: general testing of surfaces.
- ProExpose Long Swab kit: for testing inside channels of rigid and flexible endoscopes and other potentially contaminated lumen instruments.



Short Swab Kit



Long Swab Kit

Product Description:

This protein test utilizes a simple dye-binding method for protein detection that results in a visually distinct color change when protein is present. The solution is a brown to brown-red color when no protein is present; the solution turns to a blue color when a protein is present. Aside from simple protein detection, the test yields semi-quantitative results: the higher the concentration of protein present in the solution, the darker and more saturated blue color appears in the test vials. The test is sensitive to 1µg of protein, yields results within 5-10 seconds at room temperature, and does not require incubation.

In addition to yielding fast results with great sensitivity, this protein test is user-friendly. Simply swab the test surface if it's already wet; otherwise, moisturize the swab with de-ionized water and swab the area of interest. Swirl the swab in the reagent solution for 5 seconds and observe for any color change. Test performance can be verified with enclosed positive control strips containing proteins.

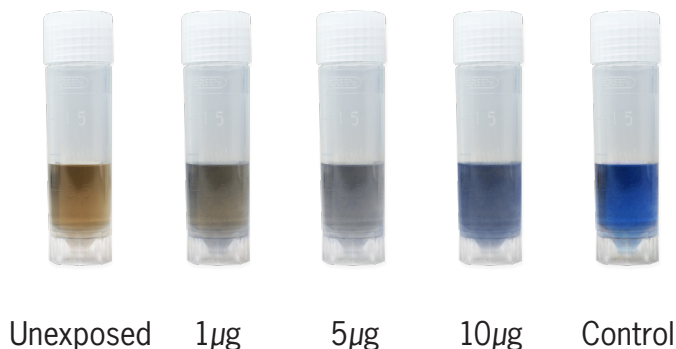
For general testing of surgical instruments and other potentially contaminated surfaces, use the short swabs provided with the ProExpose Short Swab kit and swab the test surface. ProExpose Short Swab kit comes with 3in swabs that is available with a tip diameter of 5mm.

For testing of inner channels of endoscopes and other lumen devices, use swabs provided with ProExpose Long Swab kit and insert the long swab into the channel of endoscope, then remove the swab. The ProExpose Long Swab Test is packaged with a 2.5m long swab that is available with a tip diameter of 1.9mm, 2.8mm, or 3.7mm. Choose the swab tip diameter appropriate for your channel diameter.

Interpretation of Results:

**Brown or Brown-red color:
No protein present**

**Any shade of Blue color:
Protein present**



Conformance:

AAMI/ST79, ISO 15883, HTM2030

Product Versions and Packaging:

Short Swab - contains 30 vials, 30 swabs, and 2 positive control strips.

Quantity per box: 30 tests.

Reorder No.: 26923300

Long Swab - contains 4 reagent vials, 3 long lumen swab, 1 short swab, and 1 positive control strip.

Quantity per box: 3 tests and 1 control.

Reorder No.: 26923400: contains 2.8mm diameter swab – for medium channels

Reorder No.: 26923500: contains 1.9mm diameter swab – for small channels

Reorder No.: 26923600: contains 3.7mm diameter swab – for large channel

Shelf Life and Storage Conditions:

Keep away from light and heat. The ProExpose Protein Detection Test can be stored at room temperature for 6 months, and for 24 months when refrigerated (2°C - 8°C). Recommended RH 30-70%.