

# ProExpose™ Protein Detection Test

## Technical Data Sheet

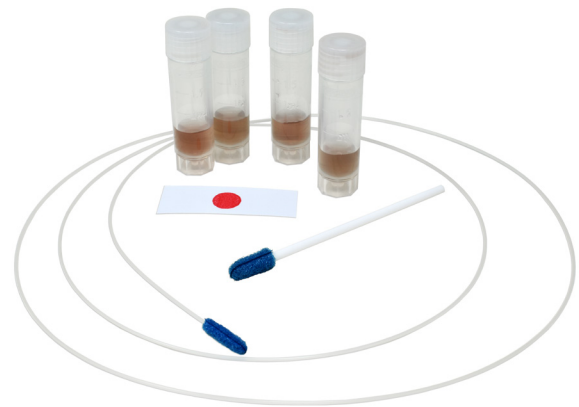
### Summary:

The ProExpose Protein Detection Test is a simple check test designed to detect residual proteins on potentially contaminated surfaces and inside lumens by means of a color change in the test solutions. The test is available in two versions:

- ProExpose Protein Detection Test (Short Swab): for general testing of surfaces.
- ProExpose Long Lumen Protein Detection Tests and Kits (Long Swab): for detection of protein residues inside various purpose lumens and tubular structures.



**Short Swab Test**



**Long Swab Test**

### 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.

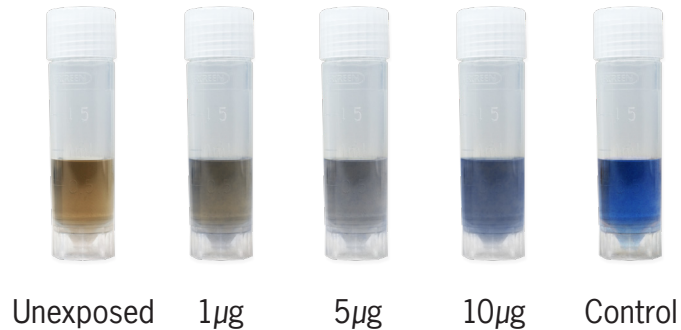
For general testing of potentially contaminated surfaces, use the short swabs provided with the ProExpose Short Swab kit and swab the test surface. ProExpose Short Swab kit comes with 3in swabs that is available with a tip diameter of 5mm.

For testing of lumens and tubes, use swabs provided with ProExpose Long Swab kit and insert the long swab into the opening through the entire length of the tube, 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 size channel.

## 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:

ProExpose Protein Detection Test (Short Swab) - contains 30 vials, 30 swabs, and 2 positive control strips.  
Quantity per box: 30 tests.

**Reorder No.: 26923300**

ProExpose Long Lumen Protein Detection Test (Long Swab) - contains 4 reagent vials, 3 long lumen swabs, 1 short swab, and 1 positive control strip.

Quantity per box: 3 tests

**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

ProExpose 30 Long Lumen Protein Detection Test (Long Swab) - contains 30 reagent vials, 30 long lumen swabs, 1 short swab, and 1 positive control strip.

Quantity per box: 30 tests

**Reorder No.: 26933400:** contains 2.8mm diameter swab – for medium channels

**Reorder No.: 26933500:** contains 1.9mm diameter swab – for small channels

**Reorder No.: 26933600:** 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%.