

Instructions for Use: ProChek™-W Semi-Quantitative Protein Test

Brand Name of Product	ProChek™-Semi Quantitative Protein Test
Generic Name of Product	Protein Test
Product Code Number(s)	PT-SQ-001
Intended Use	Testing for residual protein remaining in items after cleaning.
Range of Applications for Product	Any item likely to be contaminated with protein soils during clinical use.
Key Specifications of Product	<ul style="list-style-type: none"> • Measuring range for the test is 0 µg/ml-30 µg/ml. • 15 Protein Reagent Vials • 15 Pipettes • 15 Zip lock Bags • Interpretation Chart

Shipping & Storage	
Shipping Conditions & Requirements	
Storage Conditions	Store ProChek™-W reagent vials in closed packaging in a cool place 2°C- 25°C. Keep away from light and heat and do not allow to freeze.
Packaging Conditions	
Shelf Life	



Instructions for Using Product	
Description of Use(s)	To test for residual protein that remain in items after cleaning.
Preparation for Use	<ul style="list-style-type: none"> • Testing is typically conducted after cleaning prior to disinfection/sterilization. • Clean gloves must be worn throughout the test procedure to avoid contamination of the test. • New, 10cc or larger syringe. Slip-tip style syringe is preferred. (Healthmark offers prefilled syringes with 10mL sterile water sold separately).
Diagrams (drawings, pictures)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Figure 1</p> </div> <div style="text-align: center;">  <p>Figure 2</p> </div> </div>



Figure 3



Figure 4



Figure 5



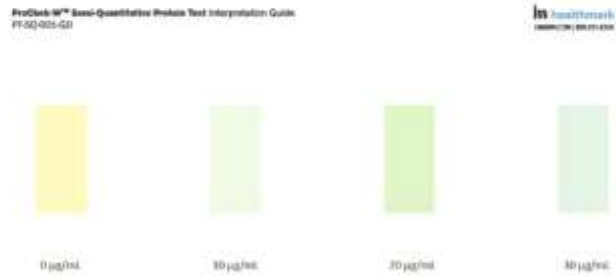
Figure 6



Figure 7



Figure 8



Color of the solution when there is 0 µg, 10 µg, 20 µg, 30 µg of protein per 1 ML of the extract.

Note: For color accuracy please compare vials to printed interpretation guide included with the ProChek™-W

Steps for Use of Product	<ol style="list-style-type: none"> 1. Wear clean gloves. 2. Open the zip lock bag by gently pushing from the side of the bag (this will help create a wide enough opening, so the clean plastic bag can be placed over the distal tip). 3. Push the distal tip halfway down into the clean plastic bag. 4. Once the tip is halfway into the clean plastic bag, seal the bag by pushing the sides together. Close the seal about ¾ of the way (up to the distal tip) and then stop. This will provide enough of a seal to capture the sample without the bag falling off during the sampling process. 5. Fill syringe with 10 mL of sterile water. 6. Flush the lumen with 10 mL of sterile water. Fig. 1 7. Refill the syringe with air and flush the lumen. 8. Collect the water in the provided zip lock bag. Fig. 2 9. After you have recaptured the sample in the clean plastic bag, gently pull the clean plastic bag off the distal tip. 10. Unscrew the cap to the ProChek™-W vial. Fig. 3 11. Pipette 1 mL of sample from the zip lock bag. Fig. 4 12. Add 1 mL of sample to a ProChek™-W vial. Fig. 5 13. Replace the cap on the ProChek™-W vial. Fig. 6 14. Mix the contents in the vial by shaking at least five times. Fig. 7 15. Place sample into holder. 16. Wait 5 minutes. 17. Compare the color of the solution to the provided color interpretation chart to determine the amount of protein extracted. Fig. 8 <ul style="list-style-type: none"> • The color interpretation chart shows the color of the solution when there is 0 µg, 10µg, 20µg, 30µg of protein per 1 ML of the extract.
Interpretation of Results	<ul style="list-style-type: none"> • In case of soluble proteins, there will be an immediate color change. • In the case of denatured proteins (often the case with items subjected to reprocessing), color change can take up to 5 minutes. • For an accurate semi-quantitative result, wait the full 5 minutes.
Contraindications of Test Results	Contact to alkaline substances (larger amount of alkaline detergent) can trigger color change. Quaternary ammonium salts (used in some disinfectants) will give a false positive result.
Documentation	Record test results on log sheet located at www.hmark.com
Special Warnings and Cautions	<ul style="list-style-type: none"> • Evaluate the result immediately after 300 seconds (5 minutes) — late color changes are not valid. • Report a positive test result immediately. • A positive result is indicative of remaining protein residue in the tested area • If positive the item should be reprocessed.
Disposal	Since it is possible that organic soil is present, it is recommended to dispose of all components of the ProChek™-W test kit in a biohazard container.

Reprocessing Instructions	
Point of Use	
Preparation for Decontamination	
Disassembly Instructions	
Cleaning – Manual	
Cleaning – Automated	
Disinfection	
Drying	
Maintenance, Inspection, and Testing	
Reassembly Instructions	
Packaging	
Sterilization	
Storage	
Additional Information	<ul style="list-style-type: none"> • Lot control test results (Statement of Conformance) are available from Healthmark upon request.

	<ul style="list-style-type: none"> Quality of Water for Testing: 1. It is recommended to use prepackaged sterile water, such as sterile water for irrigation. 2. For effective testing, it is not necessary that the water remain sterile, but care should be taken not to contaminate after opening to avoid creating the opportunity for false positive test results.
Related Healthmark Products	EndoCheck™, ProChek™, HemoCheck™, ChannelCheck™
Other Product Support Documents	ProFormance™ Brochure, ProFormance™ Price List
Reference Documents	
Customer Service Contact	Healthmark Industries Company, Inc. 18600 Malyn BLVD Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com

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