SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com

Coating Stabilizer

Description:

Coating Stabilizer has been developed specifically for the stabilization of adsorbed or immobilized proteins on microwell plates/strips. Coating Stabilizer maintains the conformation and activity of the antibody or protein antigen portion of the dried immunoassay components. Product is filtered at 0.2 microns.

Contents: Aqueous, protein-containing stabilizer and blocking solution in phosphate buffer for dried protein components in immunoassays.

Preservative: 0.02% Bromonitrodioxane, 0.02% 2-Methyl-4-isothiazolin-3-one.

pH 7.2 – 7.7

Uses/Limitations:

For stabilizing dried protein components in immunochemical procedures.
Do not use past expiration date.
Do not use if solution becomes cloudy or discolored.

Availability/Contents:

Item #	Volume
CSB125	125 ml
CSB500	500 ml
CSB999	1000 ml

Storage:

2-8° centigrade.
Product may be stored room temperature for short periods (1 – 2 weeks).
May be shipped at ambient temperature or with wet ice.
Do not freeze.

Procedures:

Stabilization of adsorbed or immobilized proteins on microwell plates/strips.

1. For most assays, Coating Stabilizer provides adequate blocking. However, if additional blocking is required, mix Coating Stabilizer with preferred blocking solution.

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2. Immobilize or adsorb the primary protein (antibody or antigen) according to current procedure.

3. Wash adequately to remove all unbound protein.

4. Immediately after washing, add an excess of Coating Stabilizer to allow interaction with the entire protein-coated surface. For example, if 100 microliters of primary protein was added to each well, then add 150 microliters of Coating Stabilizer to ensure complete coverage. **Note:** Do not allow primary proteins to dry out prior to addition of Coating Stabilizer.

5. Incubate for 15-60 minutes (60 minutes recommended) at room temperature.

6. Remove or aspirate the Coating Stabilizer (Do not wash).

7. Dry plates/strips for long-term storage. Stabilized plates/strips may require longer drying times (drying times should be optimized for each assay).

   - place coated products in a humidity controlled chamber (less than 15% humidity) until dry (4-24 hours).

   - or place coated products at 30-40° centigrade in a vacuum chamber for 4 hours.

8. Seal the final, stabilized product in an airtight package with a desiccant.

Stabilization of adsorbed or immobilized proteins on membranes.

1. Dilute Coating Stabilizer (1 part) in phosphate buffered saline or deionized water (3 parts).

2. Immobilize or adsorb the primary protein (antibody or antigen) according to current optimized procedure.

3. Coat membrane by soaking or spraying with diluted Coating Stabilizer.

4. Dry thoroughly.

5. Seal the final, stabilized product in an airtight package with a desiccant.

Precautions:

Do not pipette by mouth.
Avoid contact with skin and eyes.
Observe all federal, state and local environmental regulations regarding disposal.