Immunofax A 100

Sensitive detection of HRP (Horseradish Peroxidase) marker

Product Data Sheet





Product Information

Sensitive detection of HRP (Horseradish Peroxidase) marker

Reference: Immunofax A 100

Storage Temperature: 1 years at 2-4°C for Reagent A and B

Technical Bulletin

Product Description

The revelation is the final step in the identification and quantification of proteins by Western Blot (antigen, primary antibodies, secondary antibodies coupled to a marker)

The marker generally used is HRP (Horseradish Peroxidase) and its most sensitive detection is using chemiluminescence detection. The Immunofax A chemiluminescent reagent reveals HRP through Luminol luminescence:

The non-radioactive Immunofax A chemiluminescent reagent allows the use of small amounts of antibodies or low affinity antibodies, with sensitivity (<u>1 picogram of antigen</u>), high contrast and an easily quantifiable signal.

Components

The kit is sufficient for 1000 cm² of membrane.

1 Reagent A (100 ml bottle): storage at 2 to 4°C.

1 Reagent B (1.5 ml vial): storage at 2 to 4°C.

Reagents and Equipment Required but Not Provided

Photographic film, CCD camera, Vortex, PBS buffer, Tween or Triton X-100.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses.

SARL au capital de 8000 € – R.C.S. AIX EN PROVENCE 433 502 416 00012 N°de tva intracommunautaire : FR 33433502416 - RIB (Société Générale) : 30003 01259 00020034512 68

Product Data Sheet Immunofax A 100

YELEN - 10 Boulevard Tempête, 13 820 ENSUES-LA-REDONNE



Preparation Instructions

In a container, dilute $1/100^{\circ}$ of solution B in solution A at a rate of 0.1 ml of solution A per cm² of membrane. Mix carefully. Example: for 20 cm² of membrane, dilute 20 μ l of solution B in 2 ml of solution A. The solution (A+B) is immediately ready and can be used optimally for 1 hour.

Procedures

All samples and standards should preferably be run in <u>duplicate or triplicate</u>.

Sample Preparation

The chemiluminescent assay kit Immunofax A is used after the last membrane washing (PBS Buffer with 0.1% Triton X-100 or Tween recommended).

Chemiluminescent Assay Reaction

Incubation:

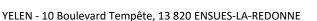
- 1. Distribute homogeneously the solution (A+B) all over the membrane.
- 2. Incubate for 1 minute with very gentle shaking.
- 3. Carefully remove the membrane by flushing off the excess of reagent.

Exposure:

- 1. Place the membrane in the receptacle provided for the revelation system used.
- Proceed to the exposure of the membrane (photographic film, CCD camera).
 For a revelation on photographic film, the exposure can be done for a duration varying from 1 minute to 2 hours depending on the desired sensitivity.

N°de tva intracommunautaire: FR 33433502416 - RIB (Société Générale): 30003 01259 00020034512 68

Product Data Sheet Immunofax A 100





Contact information

Further information on YELEN products, including product bibliographies, is available from our website. Please visit our website — http://yelen-analytics.com — for the most up-to-date information.

YELEN products are high-quality reagents and materials intended for research purposes only. These products must be used by, or directly under the supervision of, a technically qualified individual experienced in handling potentially hazardous chemicals. Please read the Material Safety Data Sheet provided for each product; other regulatory considerations may apply.

Limited Use Label License

For research use only. Not intended for any animal or human therapeutic or diagnostic use. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. The buyer may transfer information or materials made through the use of this product to a scientific collaborator, provided that such transfer is not for any Commercial Purpose, and that such collaborator agrees in writing (a) to not transfer such materials to any third party, and (b) to use such transferred materials and/or information solely for research and not for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. YELEN will not assert a claim against the buyer of infringement of the above patents based upon the manufacture, use or sale of a therapeutic, clinical diagnostic, vaccine or prophylactic product developed in research by the buyer in which this product or its components was employed, provided that neither this product nor any of its components was used in the manufacture of such product. If the purchaser is not willing to accept the limitations of this limited use statement, YELEN is willing to accept return of the product with a full refund.

N°de tva intracommunautaire : FR 33433502416 - RIB (Société Générale) : 30003 01259 00020034512 68