



## **N-Histofine<sup>®</sup>**

Alkaline phosphatase Chromogen/Substrate solution  
**New Fuchsin substrate kit**

### **NICHIREI BIOSCIENCES INC.**

6-19-20, Tsukiji, Chuo-ku, Tokyo, 104-8402, JAPAN  
Phone: 81-3-3248-2207 Facsimile: 81-3-3248-2243

**Reagent supplied : 2000 tests**

**Code : 415161F**

## **New Fuchsin substrate kit**

### **SUBSTRATE FOR ALKALINE PHOSPHATASE**

#### **FORM**

Liquid.

This product contains the following reagents;

Reagent A : New Fuchsin solution concentrate	...	6mL × 1 bottle
Reagent B : Activating reagent concentrate	...	6mL × 1 bottle
Reagent C : Substrate buffer concentrate	...	12mL × 1 bottle
Reagent D : Substrate solution concentrate	...	6mL × 1 bottle

#### **PREPARATION of Chromogen/Substrate solution**

1. Mix well 1 drop of Reagent A and 1 drop of Reagent B in a test tube.
2. Add 2mL of distilled water.
3. Add 2 drop of Reagent C. Mix well.
4. Add 1 drop of Reagent D. Mix well.

Use chromogen/substrate solution within 30 minutes.

#### **USAGE**

This kit is suitable for use on immunohistochemical and immunocytochemical staining of tissue sections. It produces a red colored deposit at the site of antigen upon reaction with alkaline phosphatase.

Incubate the specimen, which has been reacted with alkaline phosphatase conjugate, with 1-2 drops of **N-Histofine<sup>®</sup>** New Fuchsin chromogen/substrate solution at room temperature for 5-20 minutes. Monitor color development with a microscope. Optimal incubation time should be determined by the researcher him/herself. After adequate coloration, wash the slide with tap water in order to stop color development.

This red deposit is insoluble in aqueous and organic solvent but soluble in alcohol. Therefore, after counterstain the slide can be mounted with water-soluble mounting media or air-dried, cleared in xylene for a few seconds and mounted with permanent mounting media.

#### **STORAGE**

Store at 2-8°C.

#### **REMRAKS**

For research use only. Not for diagnostic use.

#### **Distributor**



COSMO BIO CO., LTD.  
Inspiration for Life Science

TOYO EKIMAE BLDG. 2-20, TOYO 2CHOME  
KOTO-KU, TOKYO 135-0016, JAPAN  
TEL : +81-3-5632-9617  
FAX : +81-3-5632-9618  
URL : <http://www.cosmobio.co.jp/>  
e-mail : [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)