



N-Histofine[®]

Alkaline phosphatase Chromogen/Substrate solution

New Fuchsin substrate kit

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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[®]** 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.

REMARKS

For research use only. Not for diagnostic use.