



SPECIFICATION SHEET

## New Fuchsin Substrate System

### DESCRIPTION:

New Fuchsin is a chromogen for immunohistochemical and immunoblotting. New Fuchsin produces an intense red/fuchsia precipitate in the presence of alkaline phosphatase. New Fuchsin is not soluble in xylenes and alcohols, therefore it may be permanently mounted.

### AVAILABILITY:

<u>CATALOG #</u>	<u>CONTENTS</u>
TA-060-AN	2ml of New Fuchsin Chromogen 2ml of Activator 60ml of Buffer
TA-125-AN	4ml of New Fuchsin Chromogen 4ml of Activator 125ml of Buffer

### IMMUNOHISTOCHEMICAL STAINING PROTOCOL:

Note: New Fuchsin is often mixed improperly, thus creating an inactive chromogen/substrate mixture. Extra care should be taken to follow the protocol precisely!

1. Add three drops (approximately 120  $\mu$ l) of the New Fuchsin Chromogen to the graduated tube. Position the drops at the bottom-center of the graduated tube, not on the sides of the tube.
2. Add three drops (approximately 120  $\mu$ l) of the Activator directly onto the Chromogen collected in the bottom-center of the graduated tube. Again, avoid the sides of the tube with the Activator.
3. Gently agitate the mixture in the bottom of the tube for two minutes. If properly activated, an acidic odor will be detected from the mixture. Do not inhale the fumes!
4. Fill the graduated tube and its contents to the 5 ml mark with the Buffer.
5. Cap the tube, and mix by inverting the tube several times.
6. Apply solution to tissue section.
7. Incubate tissue section for 2-15 minutes.

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Rinse tissue, counterstain, and coverslip using a permanent mounting media.

**STORAGE:**

Store at 2-8°C. Each component is stable for 18 months.

**PRECAUTIONS:**

Do not pipette by mouth. Avoid contact with skin and eyes. Handle with care and dispose of according to regulations.

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**LIMITATIONS:**

This product is available for research use only; not for diagnostic or therapeutic work. Lab Vision Corporation will not be held responsible for patent infringement or other violation that may occur with the use of this product.