

Mix 1 part Kodak HRP developer with 4 parts deionized/distilled water. Add and thoroughly dissolve 0.75% (w/v) benzotriazole. Prepare the developing solution just prior to use, and discard it after use. (Benzotriazole is the generic name for Kodak Antifog A. The use of Antifog A tablets precludes weighing, but the tablets are tedious to dissolve, while benzotriazole powder dissolves readily.) Cool the mixture to 21°C and pour it into a developing tank. In darkness, submerge the spooled film quickly into the developer and rap the tank sharply to dislodge any bubbles. Cover the tank tightly and develop the film for 5 min, agitating for 5 sec each minute. Drain the tank and quickly rinse the film with 2 changes of water cooled to 21°C. Fix with continuous agitation (3 min if using Kodak Rapid Fixer), and rinse in running water for 30 minutes. Rinse finally with two changes of deionized/distilled water, drain the film, and allow it to air dry.

For further information consult the Kodak Technical Pan 2415 data in Kodak Pamphlet No. P255.

Selected List of Suppliers

Note: there are other suppliers for most of the materials that are listed here. However, the sources listed have provided satisfactory materials and thus may be expected to do so on future orders. No further endorsement is either given or implied. Such a list is only necessary for those workers who otherwise have no reliable sources for these materials.

Eastman Kodak Company

343 State Street

Rochester, NY 14650

(photographic film, blotting paper, antifog, uranyl formate and other chemicals)

Fisher Scientific Company

711 Forbes Avenue

Pittsburgh, PA 15219

or

Fisher Scientific Company, International Division

101 Thomson Road

No. 21-04 Goldhill Square

Singapore 1130

Singapore

(crepe filter paper, general laboratory supplies)