BioGenex
Accelerating the pace of precision medicine
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DAPI Mounting Medium
Cat. No. HK606-10K, HK606-50K

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Intended Use

DAPI Mounting Medium is a unique, stable formula for preserving rapid photo-bleaching of fluorescent proteins and fluorescent dyes during microscopic examination of fluorescence*in situ* hybridization specimens.DAPI Mounting Medium is water-soluble and has been optimized to preserve fluorescence during long-term storage, if mounted slides are stored at 2-8^{0}C.

Summary and Explanations

Mounting of all stained biological specimens is an essential step before their microscopic evaluation. Mounting also enables the slides to be archived for long periods of time. Specifically designed to meet the mounting needs of the fluorescence*in situ* hybridization specimens, DAPI Mounting Medium contains 4',6-diamidino-2-phenylindole (DAPI), which fluoresces when bound to DNA and is used as a nuclear or chromosomal counterstain. DAPI produces a blue fluorescence when bound to DNA with excitation at about 360 nm and emission at 460 nm.

Methods of use

To mount tissues or cells on a slide, dispense DAPI Mounting Medium onto the specimen (approximately 10µl to be used on BioGenex,18 x 18 mmBarrier Slides). Coverslip and allow DAPI Mounting Medium to disperse over the entire specimen.

DAPI Mounting Medium does not solidify, but remains as liquid on the slide and can be stored without sealing. To seal the coverslips permanently onto the slides apply nail polish or a plastic sealant around the perimeter. Mounted slides should be stored at -20^{0}Cprotected from light.After use, store the remaining DAPI Mounting Medium at -20^{0}Cand protected from light.

Limitations

Keep container tightly sealed & store at -20^{0}C protected from light when not in use.

The reagent is stable at least for a year when stored in freezer.

Troubleshooting

Please contract BioGenex Technical Support at 1(800)421-4149 to report unusual staining.

For Research use only.