



VITRO S.A
Calle Luís Fuentes Bejarano 60
Edificio Nudo Norte Local 3
41020 Sevilla (España)
F: +34 954 922 892
T: +34 954 933 200
www.vitro.bio

Fluorescent Contrast Agent - DAPI+AntiFade

PRESENTATION:

The presentation of this product is:

Reference	Volume (ul)
MAD-FS0106-1	800ul

The mounting medium Fluorescent Contrast Agent - DAPI+AntiFade is a unique and stable formula to preserve the fluorescence that avoids the quick photobleaching of the fluorescent proteins and the fluorescent stains.

APPLICATIONS:

This special formulation of the mounting medium contains 4',6-diamidino-2-phenylindole (DAPI), which fluoresces when it binds to DNA and it is used as a nuclear or chromosomal contrast agents. Furthermore, the product contains an AntiFade component that allows to preserve the fluorescence during the exposure of the preparations to fluorescent light and for several days if stored at low temperature.

This product is designed for its use in in situ hybridization techniques or other procedures that require fluorescent staining.

It can also be used for RNA, but it shows a greater selectivity to bind the DNA over the RNA.

CHARACTERISTICS:

The mounting medium Fluorescent Contrast Agent - DAPI+AntiFade is compatible with a wide range of fluorochromes, enzymatic substrates and fluorescent proteins.

The DAPI produces a blue fluorescence when it binds to DNA with elation at approximately 360 nm and emission at 460 nm.

USE RECOMMENDATIONS:

The mounting medium is supplied in screw-capped dropping vials.

To mount tissues or cells on a slide:

- Dispense a drop (approx. 25UI) of the mounting medium Fluorescent Contrast Agent - DAPI+AntiFade on the sample.
- Apply the coverslip and leave the mounting medium spread all over the sample without pressing.

The mounting medium Fluorescent Contrast Agent - DAPI+AntiFade doesn't solidify, but it remains as liquid and can be stored unsealed. If desired, the coverslips can be sealed around the perimeter with nail polish or a plastic sealant.

PRECAUTIONS:

DAPI is a mutagen and appropriate precautions of use must be taken.

Use appropriate personal protective equipment to avoid the contact with the skin and mucous membranes.

STORAGE:

The mounting medium Fluorescent Contrast Agent - DAPI+AntiFade must be stored at 4 °C, away from light.

The mounted slides must also be stored at 4° C, away from light.

Do not use in case of precipitate or contamination.

SAFETY RECOMMENDATIONS:

The product is only intended for professional laboratory purposes, and it is not intended for pharmacological, home or any other type of use. The current version of the material safety data sheet of this product can be downloaded by searching its reference at www.vitro.bio or can be requested at regulatory@vitro.bio.

BIBLIOGRAPHY:

R.J. Florijn, et. al. Cytometry, 19 (1995) 177-182.

LABEL AND BOX SYMBOLS

Explanation of the symbols of the product label and box:

	Health product for in vitro diagnosis.		Expiration date
	Catalog number		Temperature limit
	Lot code		Manufacturer
	Refer to the instructions of use		Sufficient content for <n> assays
	Material safety data sheet		