

Instructions

ibidi Mounting Medium with DAPI



The ibidi Mounting Medium with DAPI is a glycerol-based mounting solution optimized for ibidi μ -Slides, μ -Dishes, and μ -Plates with adherent cells or tissue sections that are immunofluorescent stained. It contains an inhibitor that retards photobleaching of fluorochromes. ibidi Mounting Medium with DAPI is ready-to-use.

Overview

This document is applicable to the following product numbers:

Cat. No.	Product Name
50011	ibidi Mounting Medium with DAPI: for fluorescence microscopy, 15 ml
50011-4	ibidi Mounting Medium with DAPI: for fluorescence microscopy, 4x15 ml

Material

ibidi Mounting Medium with DAPI is glycerol-based, non-drying and non-hardening. It contains 1,4-diazabicyclo[2.2.2]octane (DABCO) to prevent photobleaching. It is dilutable with water or phosphate buffered saline (PBS) to a maximum dilution of 50%. Diluted ibidi Mounting Medium can lose volume by evaporation after some time. Undiluted ibidi Mounting Medium is volume-stable with a maximum change of volume of approx. 10% depending on the sample storage conditions. ibidi Mounting Medium with DAPI contains a working concentration of DAPI (4',6-diamidino-2-phenylindole), a convenient fluorescent dye which binds DNA.

Specifications	
Appearance	Liquid, optically clear
pH	8.5–9.0
Refractive index n_D	1.42–1.44
Staining	DNA/RNA (nucleus)
DAPI-DNA, $E_{x_{max}}$	358 nm
DAPI-DNA, $E_{m_{max}}$	461 nm
Storage of mounted samples	In the dark at 2–8°C

Shipping and Storage

Shipping conditions	Ambient
Storage conditions	In the dark at 2–8°C
Shelf life	Under proper storage conditions as indicated on vial

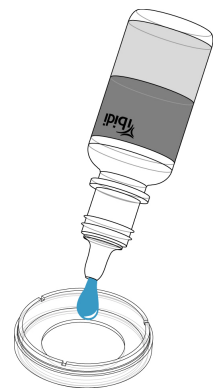
Applications

ibidi Mounting Medium with DAPI is designed for immunohistochemistry, immunofluorescent stainings and fluorescence in situ hybridization (FISH) of adherent cells or tissue sections. It is compatible with plastic and glassware.

Usage

Open wells and dishes

After fixation and staining wash thoroughly with PBS or appropriate buffer and place some drops of ibidi Mounting Medium onto the cells using the dropper bottle. The volume depends on the used well or dish diameter. It is recommended filling the entire growth area of the well or dish.



Channel slides

For channel slides like μ -Slide VI^{0.4}, press the dropper bottle tightly onto the Luer adapter and inject the Mounting Medium into the empty channel. Small remains of PBS or appropriate buffer inside the channel do not cause problems. It is recommended filling the entire channel.



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Sample storage

Store mounted samples under cool and dark conditions. Keep all samples upright not to cause leakage. Samples can be stored for months and years depending on the stability of antibodies and fluorochromes.

Ordering Information

The ibidi Mounting Medium family is available with or without DAPI.

Cat. No.	Description	Amount
50001	ibidi Mounting Medium: for fluorescence microscopy	1 × 15 ml
50001-4	ibidi Mounting Medium: for fluorescence microscopy	4 × 15 ml
50011	ibidi Mounting Medium with DAPI: for fluorescence microscopy	1 × 15 ml
50011-4	ibidi Mounting Medium with DAPI: for fluorescence microscopy	4 × 15 ml

For research use only!

Further information can be found at [ibidi.com](https://www.ibidi.com). For questions and suggestions please contact us by e-mail info@ibidi.de or by telephone +49 (0)89/520 4617 0.

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