

# Product Information

## Drop-n-Stain EverBrite™ Mounting Medium

Product	Catalog no.	Unit Size
Drop-n-Stain EverBrite™ Mounting Medium	23008-T	2 mL
	23008	10 mL
Drop-n-Stain EverBrite™ Mounting Medium with DAPI	23009-T	2 mL
	23009	10 mL

### Storage and Handling

Store at -20°C, protected from light. Product is stable for at least 12 months from date of receipt when stored as recommended. Allow the dropper bottle to warm up for a few minutes at room temperature before use for easier dispensing. Mix by gently swirling or shaking the bottle before use.

### Product Description

EverBrite™ Mounting Medium is a unique antifade mounting medium for preserving fluorescence. EverBrite™ prevents rapid photobleaching of a wide range of fluorophores, including fluorescein, rhodamine, and our CF® dyes. Unlike VECTASHIELD® Antifade Mounting Medium, EverBrite™ also is compatible with cyanine-based fluorophores like Cy@3, Cy@5, and Alexa Fluor® 647.

Drop-n-Stain EverBrite™ Mounting Medium is a new wet-set formulation of EverBrite™. It is less viscous than our original EverBrite™, allowing it to be packaged in a dropper bottle for quick and easy dispensing without pipetting. It is available with or without DAPI for nuclear counterstaining. Due to its lower viscosity, Drop-n-Stain EverBrite™ with DAPI stains nuclei more rapidly than our original EverBrite™. Drop-n-Stain EverBrite™ Mounting Medium (with or without DAPI) has a refractive index of 1.42.

Drop-n-Stain EverBrite™ Mounting Medium remains liquid after mounting. Mounted coverslips can be sealed around the edges with nail polish or Biotium's CoverGrip™ Coverslip Sealant (see Related Products). Mounted slides can be stored at 4°C or -20°C, protected from light. Antibody-stained slides can be preserved for a year or longer (some labels, like phalloidin, are less stable during storage).

Biotium also offers EverBrite™ Hardset Mounting Medium, which cures overnight to form a hard seal, eliminating the need to seal the edges of the coverslip (see Related Products).

### Instructions for Use

#### Mounting sections on slides

1. Remove as much excess buffer as possible from the slide and section.
2. Dispense mounting medium onto the section. Each drop is about 35 µL. We recommend 1-2 drops for a 22 mm<sup>2</sup> coverslip.
3. Place a coverslip on top of the specimen and allow the mounting medium to spread over the entire section.
4. Gently press straight down on the coverslip with a Kimwipe® to remove bubbles and blot away all excess mounting medium. Excess mounting medium also can be aspirated from around the coverslip with a pipette.
5. Seal the edges of the coverslip with nail polish or CoverGrip™ Coverslip Sealant. Slides can be imaged as soon as the coverslip sealant is dry.

#### Mounting cells on coverslips

1. Remove as much excess buffer as possible from the coverslip.
2. Dispense mounting medium on a clean microscope slide. Each drop is about 35 µL. We recommend 1-2 drops for a 22 mm<sup>2</sup> coverslip.
3. Invert the coverslip (cells side down) onto the drop of mounting medium and allow the mounting medium to spread under the entire coverslip.
4. Gently press straight down on the coverslip with a Kimwipe® to remove bubbles and blot away all excess mounting medium. Excess mounting medium also can be aspirated from around the coverslip with a pipette.
5. Seal the edges of the coverslip with nail polish or CoverGrip™ Coverslip Sealant. Slides can be imaged as soon as the coverslip sealant is dry.

#### Mounting cells in multi-well chambered coverglasses or microplates

1. Aspirate as much buffer as possible from the well.
2. Add enough mounting medium to completely cover the cells. Each drop is about 35 µL. We recommend 2 to 3 drops per well for 96-well plates, or 5 to 6 drops per well for 8-chamber coverglasses.
3. For Drop-n-Stain EverBrite™ with DAPI, allow about 5 minutes for nuclear staining. DAPI stains the edges of nuclei first, and takes a few minutes to completely fill the nucleus. DAPI brightness may increase with longer incubation times.
4. Store plates tightly sealed or in a humidified chamber at 4°C to prevent samples from drying out. The mounting medium may appear reddish after storage, this does not affect performance.

### Related Products

Catalog number	Product
23005	CoverGrip™ Coverslip Sealant
23012	TrueBlack® IF Background Suppressor System (Permeabilizing)
23007	TrueBlack® Lipofuscin Autofluorescence Quencher
23003	EverBrite™ Hardset Mounting Medium
23004	EverBrite™ Hardset Mounting Medium with DAPI
40083	NucSpot™ 470 Nuclear Stain for dead or fixed cells
40081	NucSpot™ Live 488 Nuclear Stain for live or fixed cells
40082	NucSpot™ Live 650 Nuclear Stain for live or fixed cells
40061	RedDot™2 Far-Red Nuclear Stain for dead or fixed cells
30091	CellBrite™ Fix 488 Fixable Membrane Stain
30088	CellBrite™ Fix 555 Fixable Membrane Stain
30089	CellBrite™ Fix 640 Fixable Membrane Stain
30092	MemBrite™ Fix 405/430 Cell Surface Staining Kit
30093	MemBrite™ Fix 488/515 Cell Surface Staining Kit
30094	MemBrite™ Fix 543/560 Cell Surface Staining Kit
30095	MemBrite™ Fix 568/580 Cell Surface Staining Kit
30096	MemBrite™ Fix 594/615 Cell Surface Staining Kit
30097	MemBrite™ Fix 640/660 Cell Surface Staining Kit
30098	MemBrite™ Fix 660/680 Cell Surface Staining Kit
30099	MemBrite™ Fix 680/700 Cell Surface Staining Kit
22023	Paraformaldehyde, 4% in PBS, Ready-to-Use Fixative
22020	10X Phosphate Buffered Saline (PBS) (4L)
22005	Mini Super <sup>HT</sup> Pap Pen
22006	Super <sup>HT</sup> Pap Pen

Please visit our website at [www.biotium.com](http://www.biotium.com) for information on our life science research products, including fluorescent CF® dye labeled primary and secondary antibodies, lectins, phalloidins, Mix-n-Stain™ antibody labeling kits, and many more fluorescent probes and kits for cell biology research.

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