



Laboratory Supplies

Dilution/Blocking Buffer

Created in-house to dilute our 20x-concentrated antibodies to the 1x working dilution. Buffer is optimal for background reduction and prolonging storage of the antibody reagent. Contains PBS buffer, pH 7.4, BSA (1%), and sodium azide (0.02%).

<u>Product Number</u>	<u>Product Description</u>
B100-20	Dilution/Blocking Buffer, 20 mL
B100-40	Dilution/Blocking Buffer, 40 mL

SuperStick™ Slides

Custom manufactured slides with special in-house chemically treated surface to maximize the adhesion of cysts, oocysts, spores, and other types of cells. Slides are available with either one **9 mm** or one **14 mm** diameter reaction well, two **15 mm** diameter reaction wells or three **14 mm** diameter reaction wells. Each slide has a green, Teflon-coated background, surrounding the wells, which is hydrophobic to ensure that the sample stays within the reaction well before drying. Each slide also has a frosted area at one end for writing with a pencil. **Ideal for use in US EPA Methods 1622 & 1623***

<u>Product Number</u>	<u>Product Description</u>
S100-1-9MM	SuperStick™ Slides, 40/box, 1 well, 9 mm wells
S100-1	SuperStick™ Slides, 40/box, 1 well, 14 mm wells
S100-2	SuperStick™ Slides, 40/box, 2 wells, 15 mm wells
S100-3	SuperStick™ Slides, 40/box, 3 wells, 14 mm wells

BlockOut™ Counterstain

Counterstain is provided in a convenient dropper bottle that holds 3.5 mL Evan's Blue solution in PBS with 0.02% sodium azide. Counterstain provides a reddish background to give contrast to the specific green fluorescein reaction and reduce background fluorescence. (BlockOut™ counterstain will fluoresce red viewed under a fluorescein filter set.) Excellent for use with complex matrixes in environmental samples and fecal smears to reduce non-specific fluorescence.

<u>Product Number</u>	<u>Product Description</u>
C101	BlockOut™ Counterstain

DAPI

A vial of 400 uL of 5000x concentrated (2 mg/mL) 4,6-diamidino-2-phenylindole (DAPI). This dye is required in Methods 1622 and 1623 for identification of *Giardia lamblia* and *Cryptosporidium parvum*. DAPI is used to stain the DNA of these organisms, which is viewed under UV light, fluorescing bright blue.

<u>Product Number</u>	<u>Product Description</u>
D101	DAPI

No-Fade™ Mounting Media

>>Standard No-Fade™ Mounting Medium

This fade-retardant medium contains PBS, glycerol, formalin, and 2% DABCO. It is packaged in a 3.5 mL dropper bottle that releases approximately 45 uL per drop, enough medium for 75 applications when applying one drop per well. Ideal for repeated viewing of slides during short-term storage.

<u>Product Number</u>	<u>Product Description</u>
M101	No-Fade™ Mounting Medium

>>Elvanol No-Fade™ Mounting Medium

This medium is also fade-retardant and contains polyvinyl alcohol and DABCO. When allowed to dry overnight, Elvanol dries to a gelatinous, semi-solid film, allowing long-term storage and repeated viewing of immunofluorescent cells or tissue without messy leakage or drying out*. Elvanol mounting medium may need to be heated from time to time to remove cloudiness. It is packaged in a 3.5 mL dropper bottle that releases approximately 45 uL per drop, enough medium for 75 applications when applying one drop per well.

<u>Product Number</u>	<u>Product Description</u>
M102	Elvanol No-Fade™ Mounting medium

*Ideal for use with samples tested by collaborating laboratories. Slides can be shipped (at 4°C) between laboratories for comparative viewing.

SureRinse™ Wash Buffer

This rinse buffer was developed in-house to rinse access reagent from well slides after incubation with a sample. It is packaged as a 20X concentrated solution, 50 mL volume, which yields 1 L of solution.

<u>Product Number</u>	<u>Product Description</u>
WB100	SureRinse™ Wash Buffer