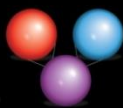


Bio SB
BIO SCIENCE FOR THE WORLD



IVD

For In Vitro Diagnostic Use

ChromoProtector

Intended Use For In Vitro Diagnostic Use.

Summary And Explanation For use in histological, immunohistochemical and *in situ* hybridization staining procedures to preserve stains before the permanent mounting of tissues or cell preparations. The **ChromoProtector** is applied prior to mounting of slides and is useful in preserving stains like AEC (Cat# BSB 0011-0061), **HRP Green** (Cat# BSB 0128-0133), **HRP Blue** (Cat# BSB 0143-0148), **ALK Brown** (Cat# BSB 0072-0076), **ALK Magenta** (Cat# BSB 0077-0081), **ALK Red** (Cat# BSB 0067-0071), **ALK Scarlet** (Cat# BSB 0138-0142) and other similar substrate-chromogens that might otherwise dissolve in organic mounting media. **DAB** (Cat# BSB 0015-0018), **HRP Black** (Cat# BSB 0087-0090), **ALK Blue** (Cat# BSB 0062-0066), or other substrate-chromogens suitable for permanent mounting can also be mounted using **ChromoProtector** for a solvent/xylene-free procedure.

ChromoProtector when used with the **TintoDeparaffinator Citrate or EDTA** (Cat# BSB 0175-0180) and **XyGreen PermaMounter** (Cat# BSB 0169-0174), allows for a solvent/xylene-free and alcohol free environment when conducting histological, immunohistochemical and *in situ* hybridization procedures.

Presentation Liquid, ready-to-use solution containing polymers for sealing histological, immunohistochemical and *in situ* hybridization procedures for preservation of stains when slides are mounted before microscopic observation.

Availability

Catalog No.	Volume
BSB 0151	15 mL
BSB 0152	50 mL
BSB 0153	100 mL
BSB 0154	200 mL
BSB 0155	500 mL
BSB 0156	1000 mL

Storage Store at room temperature

Stability Stable up to the expiration date listed on the product label.
Do not use this product after the expiration date listed on the product label.

Protocol

1. After the histological, immunohistochemical or *in situ* hybridization staining procedure is completed, rinse slides in deionized water. Do not incubate tissue or cell specimens in solvents such as alcohol, toluene, or xylene.
2. Using a coplin jar or a staining dish, immerse slides with tissues in **ChromoProtector** or lay wet slides horizontally and apply sufficient drops of **ChromoProtector** to completely cover the tissue. Carefully spread **ChromoProtector** if needed, but avoid contacting the tissue.
3. Incubate slides for ten minutes at 60 °C to allow ChromoProtector to penetrate tissues.
4. Remove excess **ChromoProtector** by placing slides vertically over an absorbent material and let excess drain off into absorbent material. Do not rinse slides.
5. Allow slides to COMPLETELY air dry.
NOTE: The **ChromoProtector** will protect tissue from drying artifacts during the air-drying process.
6. When slides are dry they can be mounted using most standard mounting methods.

Aqueous Mounting

- A. Add aqueous mounting medium, such as the **Bio SB AquaMounter** (Cat # BSB 0090-0093) or similar product, in accordance to the manufacturer’s recommendation.
- B. Apply coverslip and air dry before microscopic observation.

Permanent Mounting







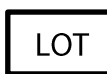
- A. Slides do not need to be dehydrated through alcohol and/or xylene prior to mounting.
- B. Permanent Mounting medium such as **XyGreenPermaMounter** (Cat # BSB 0169-0174), **PermaMounter** (Cat# BSB 0094-0097) or similar permanent mounting media can be added directly to slide.
- C. If the Permanent Mounting medium does not spread evenly on the dry slide, the slide can be dipped in toluene or xylene to aid spreading of the mounting medium.
- D. Use a minimum amount of mounting medium so that slides dry rapidly.
- E. Apply coverslip and air dry before microscopic observation.

Precautions

1. For professional users only. Results should be interpreted by a medical professional.
2. Ensure proper handling procedures are used with reagent. Always wear proper personal protective equipment such as laboratory coat, goggles and gloves when handling reagents.
3. Minimize microbial contamination of reagents.
4. Dispose of unused solution according to local and federal regulations.
5. Do not ingest reagent. If reagent ingested, contact a poison control center immediately.
6. Avoid contact with eyes. Flush with large quantities of water if contact occurs.
7. For complete recommendations for handling biological specimens please refer to the CDC document, “Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories” (1).

References

1. U.S. Department of Health and Human Services: Centers for Disease Control and Prevention. Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories. Supplement / Vol. 61, January 6, 2012.

Symbol Key / Légende des symboles/Erläuterung der Symbole			
		Storage Temperature Limites de température Zulassigertemperaturbereich	 Manufacturer Fabricant Hersteller
 In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro In-Vitro-Diagnostikum	 Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	 Expiration Date Utiliser jusqu'à Verwendbar bis	 Catalog Number Référence du catalogue Bestellnummer
			 Lot Number Code du lot Chargenbezeichnung



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