



IVD

For In Vitro Diagnostic Use

ImmunoDNA Background Blocker

Intended Use *For In Vitro Diagnostic Use*

Summary And Explanation ImmunoDNA Background Blocker is used to block or reduce background associated with antibodies and/or antigens/nucleic acids that yield high background in immunohistochemical (IHC), CISH/FISH staining procedures. This reagent is designed to minimize the non-specific interactions that may be caused by antibodies or nucleic acids and encourages specific antigen-antibody binding.

ImmunoDNA Background Blocker can also be used as a diluent to dilute monoclonal, polyclonal, and control antibodies of different species that produce high background in IHC or CISH/FISH staining procedures.

Presentation ImmunoDNA Background Blocker is provided in liquid form ready-to-use. It contains phosphate buffered saline, pH 7.6, BSA, stabilizing proteins and preserved with sodium azide.

Availability	Catalog No.	Concentration	Volume
	BSB 0103	Ready-to-use	15 mL
	BSB 0104	Ready-to-use	50 mL
	BSB 0105	Ready-to-use	100 mL
	BSB 0106	Ready-to-use	200 mL
	BSB 0107	Ready-to-use	1000 mL

Storage Store at 2-8°C

Stability 3 years

ImmunoDNA Background Blocker is stable at 2-8°C for up to 3 years from when originally produced (see expiration date on product label). This product is stable up to the expiration date on the label. Do not use this product after the expiration date. Adhere to all local laws when disposing of this product.

Preparation of Working Solutions

ImmunoDNA Background Blocker is a ready-to-use working solution and requires no further preparation.

Recommended Protocol

The ImmunoDNA Background Blocker can be used as a blocking reagent or as a diluent:

- Antibody Diluent:** Dilute primary antibodies or negative controls with the ImmunoDNA Background Blocker using appropriate pipetting technique and incubate at the antibody's recommended temperature and time.
- Protein Blocker:** After deparaffinization, rehydration, permeabilization of tissues and application of Peroxidase or AP Blocker, apply ImmunoDNA Background Blocker directly to tissue section and incubate at room temperature or 37°C for 10 minutes. DO NOT rinse and proceed with primary antibody application and staining procedure.

Note: When diluting antibodies, add antibody to the diluent, not diluent to the antibody. Addition of the antibody to the mixing vessel before the diluent can cause contamination of the diluent if multiple dispenses are necessary. Take the appropriate precautions.

Abbreviated Immunohistochemical Protocol





Step	ImmunoDetector (AP or HRP)	PolyDetector (AP or HRP)
Peroxidase/AP Blocker	5 minutes	5 minutes
Primary Antibody	30 minutes	45 minutes
Secondary Biotinylated Link	10 minutes	Not Applicable
AP or HRP Label	10 minutes	45 minutes
Substrate-Chromogen	5 minutes	10 minutes
Counterstaining	Time varies with counterstain	Time varies with counterstain

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 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.

IVD	In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro In-Vitro-Diagnostikum	 Storage Temperature Limites de température Zulässiger Temperaturbereich	 Manufacturer Fabricant Hersteller	REF Catalog Number Référence du catalogue Bestellnummer
		 Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	 Expiration Date Utiliser jusqu'à Verwendbar bis	LOT Lot Number Code du lot Chargenbezeichnung



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