



**IVD**

*For In Vitro Diagnostic Use*

## ImmunoDetector Biotin Blocker

**Intended Use** *For In Vitro Diagnostic Use*

**Summary And Explanation** ImmunoDetector Biotin Blocker is a two-step endogenous biotin blocking system used for immunohistochemistry (IHC) and *in-situ* hybridization (ISH) procedures. This blocking system is useful for blocking endogenous biotin in both frozen and formalin-fixed paraffin-embedded (FFPE) tissues (pancreas, kidney, liver, etc.) that contain higher levels of biotin that may yield false positive results. It can be used in autostainers as well as manual staining procedures.

**Presentation**

ImmunoDetector Biotin Blocker is provided in liquid form ready-to-use. It is comprised of two solutions in a buffer, reagents, stabilizers, and a non-sodium azide anti-microbial.

1. Avidin Solution (Blue)
2. Biotin Solution (Orange)

**Availability**

Catalog No.	Concentration	Volume
BSB 0098	Ready-to-use	15 mL
BSB 0099	Ready-to-use	50 mL
BSB 0100	Ready-to-use	100 mL
BSB 0101	Ready-to-use	200 mL
BSB 0102	Ready-to-use	1000 mL

**Storage**

Store at 2-8°C

**Stability** 3 years

ImmunoDetector Biotin 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.

**Note: Avidin solution (blue) may become turbid due to formation of precipitate after prolonged storage. Such turbidity is normal and will not affect the solution/kit performance. If desired for esthetic reasons, precipitate may be removed by centrifugation for 10 minutes. Removal of precipitate will not affect the solution/kit performance.**

**Preparation of Working Solutions**

ImmunoDetector Biotin Blocker is a ready-to-use working solution and requires no further preparation.

**Recommended Protocol**

1. Deparaffinize and rehydrate tissues if necessary.
2. Place cut and dried slides in Immuno/DNA Retriever with Citrate or EDTA and perform its recommended heat protocol.
3. Wash with 5 changes of IHC wash buffer.
4. Place slides in Peroxidase or AP Blocker for 5 minutes.
5. Wash with 3 changes of IHC wash buffer.
6. Cover tissue with Avidin Solution (Blue) of Biotin Blocker for 10 minutes.
7. Wash with 3 changes of IHC wash buffer.
8. Cover tissue with Biotin Solution (Orange) of Biotin Blocker for 10 minutes.
9. Wash with 3 changes of IHC wash buffer.
10. Continue to follow the IHC/ISH protocol.

## 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.

<div>IVD</div>		<div>Storage Temperature Limites de température Zulässiger Temperaturbereich</div>		<div>Manufacturer Fabricant Hersteller</div>	<div>REF</div>	<div>Catalog Number Référence du catalogue Bestellnummer</div>
<div>IVD</div>		<div>Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten</div>		<div>Expiration Date Utiliser jusque Verwendbar bis</div>	<div>LOT</div>	<div>Lot Number Code du lot Chargenbezeichnung</div>



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