Mohs ImmunoDigestor

RUO

Intended Use
For Research Use Only.

Summary and Explanation
The Mohs ImmunoDigestor is used for the enzymatic digestion of frozen tissues prior to immunohistochemical (IHC) [procedures.
The enzymatic digestion of frozen tissues fixed with acetone or NBF 10%, improves accessibility of antibodies to epitopes within tissue sections. In the case of IHC, proteolytic digestion exposes certain epitopes which have been masked during fixation, especially with NBF10%.

Presentation
The Mohs ImmunoDigestor is provided in a concentrated form with a dilution buffer. It contains optimized Proteinase K, a buffer solution, detergents, and sodium azide anti-microbial.

Step	Dilution	Mohs Immunodigestor	Mohs Immunodigestor buffer
BSB-0324-RUO	1:4	5 ml	5 ml
BSB-0325-RUO	1:4	17 ml	50 ml
BSB-0326-RUO	1:4	34 ml	100 ml

Storage Store at 2-8ºC

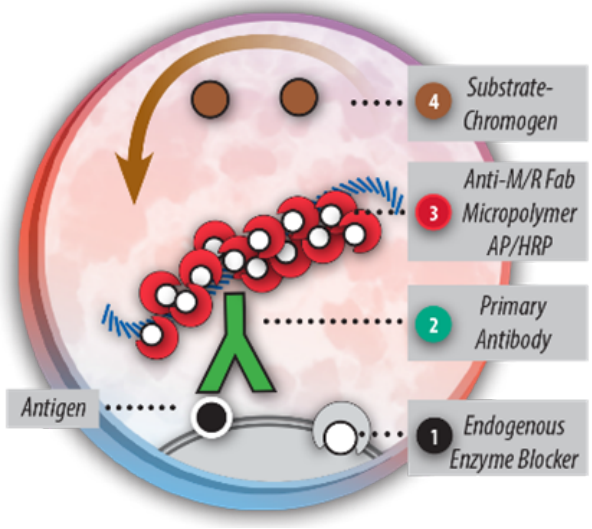
Stability
This product is stable up to the expiration date on the product label.
Do not use after expiration date listed on package label. Temperature fluctuations should be avoided. Store appropriately when not in use. Adhere to all local laws when disposing of this product.

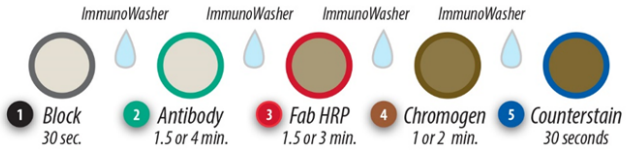
Precautions
1. For professional users only. Results should be interpreted by a qualified medical professional.
2. This product contains <0.1% sodium azide (NaN_3) as a preservative. Ensure proper handling procedures are used with this reagent.
3. Always wear personal protective equipment such as laboratory coat, goggles and gloves when handling reagents.
4. Dispose of unused solution with copious amount of water.
5. Do not ingest reagent. If reagent is ingested, seek medical advice immediately.
6. Avoid contact with eyes. If contact occurs, flush with large quantities of water.
7. Follow safety precautions of the heating device used for epitope retrieval (TintoRetriever Pressure Cooker or similar).
8. For additional safety information refer to Safety Data Sheet for this product.
9. 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" (see References in this document).

Preparation of Working Solution
Mohs ImmunoDigestor is diluted with the Mohs ImmunoDigestor buffer in a 1:4 ratio before use (1 part Mohs ImmunoDigestor and 3 parts Mohs ImmunoDigestor buffer).

Recommended Protocol
1. For Frozen Mohs sections fixed for 2 min. with Acetone or 10% NBF 10%, incubate slides with ImmunoDNA Digestor for 1 minute at 37°C or at room temperature.
2. Rinse slides briefly in distilled or deionized water (10-20 seconds).
3. Proceed with Mohs IHC protocol.

Abbreviated Immunohistochemical Protocol





Step	Mohs PolyDetector HRP Green or DAB 5 min Protocol	Mohs PolyDetector HRP Green or DAB 10 min Protocol
Peroxidase Blocker	0.5 min.	0.5 min.
Primary Antibody	2 min	4 min.
1st Step Detection	1 min	3 min.
Substrate-Chromogen	1 min	2 min.
Counterstain / Coverslip	0.5 min	0.5 min.

Product Limitations

Due to inherent variability present in immunohistochemical procedures (including fixation time of tissues, dilution factor of antibody, retrieval method utilized and incubation time), optimal performance should be established through the use of positive and negative controls. Results should be interpreted by a qualified medical professional.

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.
https://www.cdc.gov/mmwr/pdf/other/su6101.pdf

Symbol Key / Légende des symboles/Erläuterung der Symbole

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

Bio SB
BIOSCIENCE FOR THE WORLD
5385 Hollister Avenue, Bldg. 8, Ste. 108 Santa Barbara, CA 93111, USA
Tel. (805) 692-2768 | Tel. (800) 561-1145 | Fax. (805) 692-2769
E-mail: sales@biosb.com | Website: www.biosb.com