

# Mohs ImmunoDigestor



**RUO**

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## Intended Use

For Research Use Only.

This **Mohs ImmunoDigestor** is intended to be used as an epitope retrieval pre-treatment of Mohs frozen tissue sections. Interpretation of results should be performed by a qualified medical professional.

## 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.

<i>Catalog No.</i>	<i>Dilution</i>	<i>Mohs ImmunoDigestor</i>	<i>Mohs ImmunoDigestor buffer</i>
BSB 0324	1:4	5 mL	15 mL
BSB 0325	1:4	17 mL	50 mL
BSB 0326	1:4	34 mL	100 mL

**Storage** Store at 2-8°C

## 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 and avoid prolonged exposure to room temperature conditions.

## Precautions

- 1 For professional users only. Results should be interpreted by a medical professional.
2. This product contains <0.1% sodium azide (NaN<sub>3</sub>) 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 according to local and federal regulations.
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. 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).

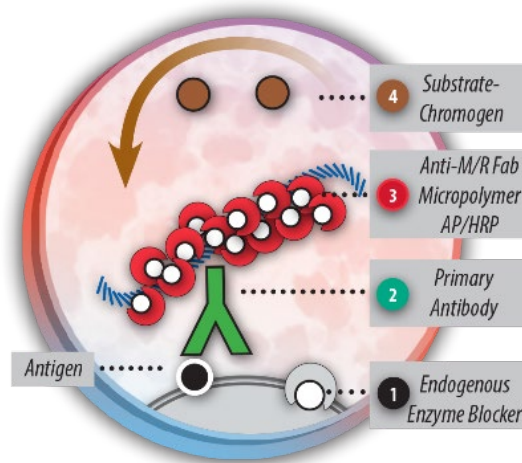
## Preparation of Working Solution

Mohs ImmunoDigestor is diluted with the Mohs ImmunoDigestor buffer before use. Mix 250µL of Mohs ImmunoDigestor with 750µL of Mohs ImmunoDigestor buffer (1 part Mohs ImmunoDigestor and 3 parts Mohs ImmunoDigestor buffer).

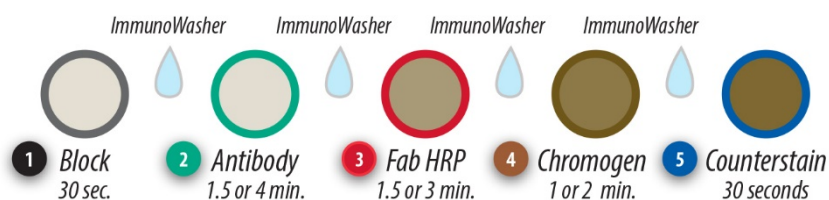
## Recommended Protocol

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 Mohs 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 using 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.

### Symbol Key / Légende des symboles/Erläuterung der Symbole

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

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