

intelliPATH FLX™ Pepsin Pretreatment Reagent

Control Number: 901-IPE5007-110909

Catalog Number:

IPE 5007 G20

Description:

20ml, Ready-to-use

Intended Use:

For In Vitro Diagnostic Use

Summary & Explanation:

Pepsin is a commonly used digestive enzyme. In formalin-fixed paraffin-embedded tissues, certain antibody protocols require enzyme pretreatment for proper immunohistochemical staining. This product is provided as a single-component, ready-to-use solution. It can also be used on an automated staining system.

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:

Ready-to-use

Materials and Reagents Needed But Not Provided:

Microscope barrier slides, positively charged
Desert chamber* (Drying oven)
Positive and negative tissue controls
Xylene (Could be substituted with xylene substitute*)
Ethanol or reagent alcohol
Decloaking chamber* (Pressure cooker)
Deionized or distilled water
Wash buffer*(TBS/PBS)
Pretreatment Reagents*
Avidin-Biotin Blocking Kit*(Labeled Streptavidin Kits Only)
Peroxidase block*
Primary antibody*
Negative Control Reagents*
Mounting medium*

* BIOCARE MEDICAL PRODUCTS: Refer to a BIOCARE MEDICAL Catalog for further information regarding catalog numbers and ordering information. Certain reagents listed above are based on specific application and detection system used.

Storage and Stability:

Store at 2°C to 8°C. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Diluted reagents should be used promptly; any remaining reagent should be stored at 2°C to 8°C.

Protocol Recommendations:

1. Deparaffinize tissues and hydrate to water.
2. If using a horseradish peroxidase (HRP) detection system, block for endogenous peroxidase. Use BIOCARE's intelliPATH FLX Peroxidase Blocking Reagent.
3. Wash in running tap water and rinse in deionized water (DI).
4. Apply the ready-to-use intelliPATH FLX Pepsin solution and cover tissue section.
5. Incubate tissue sections for 15-20 minutes at room temperature.
6. Wash with BIOCARE's TBS Wash Buffer
7. Proceed with immunostaining procedure.

Protocol Notes:

Under-fixed and delicate tissues may require less digestion time. Pepsin can also be used at room temperature.

Quality Statement:

BIOCARE protocols have been standardized using in-house antibodies, detection and accessory reagents for use on the intelliPATH FLX automated stainer. Recommended staining protocols are specified in the datasheet of the antibody of interest. Pre-optimized intelliPATH FLX protocols with preset parameters can be displayed, printed and edited according to the procedure in the operator's manual. Refer to the operator's manual for additional instruction to navigate intelliPATH FLX software and stainer. Use TBS for washing steps unless otherwise specified.

Performance Characteristics:

The protocols for a specific application can vary. These include, but are not limited to: fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of BIOCARE products. Ultimately, it is the responsibility of the investigator to determine optimal conditions. These products are tools that can be used for interpretation of morphological findings in conjunction with other diagnostic tests and pertinent clinical data by a qualified pathologist.

Quality Control:

Refer NCCLS Quality Assurance for Immunocytochemistry approved guidelines, December 1999 MM4-A Vol.19 No.26 for more information on Tissue Controls.

Precautions:

Specimens, before and after fixation and all materials exposed to them, should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. Microbial contamination of reagents may result in an increase in nonspecific staining. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change. The MSDS is available upon request. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.

Troubleshooting:

Follow the antibody specific protocol recommendations according to data sheet provided. If atypical results occur, contact BIOCARE's Technical Support at 1-800-542-2002.

Limitations & Warranty:

There are no warranties, expressed or implied, which extend beyond this description. BIOCARE is not liable for property damage, personal injury, or economic loss caused by this product.

