

ISH Retrieval (AR3)

Pretreatment Reagent for ISH Procedures on the ONCORE Pro Automated Slide Stainer
901-OPRI6021-052623

Catalog Number: OPRI 6021 T60

Description: 60 tests

Intended Use:

For In Vitro Diagnostic Use

ISH Retrieval (AR3) is a ready-to-use solution intended for use in pretreatment of formalin-fixed, paraffin-embedded (FFPE) tissues in an *in situ* hybridization (ISH) procedure performed on Biocare Medical's ONCORE Pro Automated Slide Stainer. The clinical interpretation of any staining or its absence should be complemented by morphological studies and proper controls and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist.

Summary & Explanation:

ISH Retrieval (AR3) is a heat retrieval solution for use in pretreatment of formalin-fixed paraffin-embedded tissue, as part of an ISH staining procedure on the ONCORE Pro Automated Slide Stainer. Pretreatment of FFPE tissues with ISH Retrieval can significantly increase staining intensity. The solution is provided ready-to-use and is intended to be applied as defined by the staining protocols on the ONCORE Pro Automated Slide Stainer.

Known Applications:

in situ hybridization (FFPE tissues)

Reagents Provided:

ISH Retrieval (AR3) is provided in four vials, sufficient to perform a total of 60 tests:

ISH Retrieval, AR3 (OPRI6021 T30 x 4) 60 tests (14.5 mL x 4)

Reconstitution, Dilution and Mixing:

ISH Retrieval is provided ready-to-use. No reconstitution, dilution or mixing is required.

Materials and Reagents Required but Not Provided:

Reagents and materials, such as ISH probes, detection kits, chromogens and ancillary reagents are not provided. Refer to the ONCORE Pro Automated Slide Staining System User Manual for a complete list of materials and reagents required.

Storage and Stability:

Store at 2°C to 8°C. The product is stable to the expiration date printed on the label, when stored under these conditions. Do not use after expiration date.

Instructions for Use:

ISH Retrieval (AR3) is provided in vials ready for use on the ONCORE Pro Automated Slide Stainer. Uncap the vial and place in the ONCORE Pro reagent tray. The ONCORE Pro will apply reagent as required in the selected protocol. Refer to the ONCORE Pro Automated Slide Staining System User Manual for detailed instructions on instrument operation and additional protocol options.

Limitations:

These reagents have been optimized for use with ONCORE Pro ISH probes, detections, and ancillary reagents. The protocols for a specific application can vary. These include, but are not limited to fixation, enzymatic digestion, heat-retrieval method, incubation times, and tissue section thickness. Third party ISH probes may be used on the ONCORE Pro; however, appropriate probe concentration may depend upon multiple factors and must be empirically determined by the user. Ultimately, it is the responsibility of the investigator to determine optimal conditions.

Quality Control:

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second edition (I/LA28-A2) CLSI Wayne, PA USA (www.clsi.org). 2011

Precautions:

1. Refer to reagent Safety Data Sheet for precautions.
2. 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. (3)
3. Microbial contamination of reagents may result in an increase in nonspecific staining.
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. Do not use reagent after the expiration date printed on the vial.

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.

References:

1. Wilkinson DG. *In Situ Hybridization: A Practical Approach* (Practical Approach Series). 2nd Ed. Oxford: Oxford University Press, 1999.
2. Nuovo GJ. *In Situ Molecular Pathology and Co-Expression Analyses*. 1st Ed. San Diego: Academic Press, 2013.
3. Clinical and Laboratory Standards Institute (CLSI). *Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition (M29-A4)* Wayne, PA 2014.