

SSC Wash Buffer

Buffer
901-4039-040121

BIOCARE
M E D I C A L

Catalog Number:	BRI 4039 MM	OPRI 4039 T60
Description:	1L	60 tests
Dilution:	Ready-to-use	Ready-to-use

Intended Use:

For In Vitro Diagnostic Use
SSC Wash Buffer is a saline sodium citrate buffer suitable for use in *in situ* hybridization procedures. The clinical interpretation of any staining or its absence should be complemented by morphological studies using 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:

SSC Wash Buffer is a ready-to-use saline sodium citrate buffer (pH 7.0-7.5) that contains 0.3% NP40 and Proclin 950 as a preservative. SSC Wash Buffer contains 30 mM citrate, which is commonly identified as 2X SSC. This buffer may be used as a post-hybridization wash buffer for *in situ* hybridization procedures.

SSC Wash Buffer (OPRI4039) 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 (formalin-fixed paraffin-embedded tissues)

Supplied As:

SSC Wash Buffer (BRI4039 MM) 1000 mL
SSC Wash Buffer (OPRI4039 T30 x 4) 60 tests (10.5 mL x 4)

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 Biocare Medical website located at <http://biocare.net> for information regarding catalog numbers and ordering.

Refer to the ONCORE Pro Automated Slide Staining System User Manual for a complete list of ONCORE Pro specific materials and reagents required.

Storage and Stability:

Store at room temperature. 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:

SSC Wash Buffer (BRI4039) is ready-to-use. Apply SSC Wash Buffer as a post-hybridization wash as desired.

SSC Wash Buffer (OPRI4039) is provided in vials ready to 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 instrument operation and additional protocol options.

Limitations:

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. 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.



IRRITANT

Troubleshooting:

Follow the reagent 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 CLSI document M29-A4 Wayne, PA 2014.