

FISH Hybridization Buffer

FISH Reagent
902-7311-071824

BIOCARE
M E D I C A L

Available Product Formats	
Catalog Number	Volume
FRR7311A	100 µL
FRR7311H	25 mL
FRR7311JJ	50 mL

Intended Use:

For Research Use Only. Not for use in diagnostic procedures.

Background Information:

FISH Hybridization Buffer is a solution containing formamide and dextran sulfate that may be used with Biocare Medical FISH probes

Known Applications:

Fluorescence *in situ* hybridization on formalin-fixed paraffin embedded (FFPE) tissues, cytological, and hematology samples

Materials and Methods:

Reagents Provided:

Kit Catalog No.	Component Description	Quantity x Volume
FRR7311A	FISH Hybridization Buffer	1 x 100 µL
FRR7311H	FISH Hybridization Buffer	1 x 25 mL
FRR7311JJ	FISH Hybridization Buffer	1 x 50 mL

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

Supplied As:

Read-to-use buffer.

See Safety Data Sheet for additional details.

Reconstitution, Dilution and Mixing:

The FISH Hybridization Buffer reagent(s) are optimized and ready to use with Biocare antibodies and ancillary reagents. No reconstitution, mixing, dilution, or titration is required.

Storage and Stability:

Store at -20°C and away from light. The product is stable to the expiration date printed on the vial label when stored under these conditions. Do not use after expiration date. Storage under any condition other than those specified must be verified. The kit reagent(s) are ready-to-use and should not be diluted. The stability of user diluted reagent has not been established by Biocare.

Limitations:

This product is provided for Research Use Only (RUO) and is not for use in diagnostic procedures. Suitability for specific applications may vary and it is the responsibility of the end user to determine the appropriate application for its use.

Precautions:

1. This product contains formamide, which may be toxic. Formamide may cause serious eye damage or reproductive toxicity. It may also cause irritation by inhalation or skin contact. Avoid any direct contact exposure to reagent. Take appropriate protective measures (use disposable gloves, protective glasses, and lab garments).

2. Handle materials of human or animal origin as potentially biohazardous and dispose such materials with proper precautions. In the event of exposure, follow the health directives of the responsible authorities where used.^{1,2}

3. 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 into contact with sensitive areas, wash with copious amounts of water.³

4. Microbial contamination of reagents may result in an increase in nonspecific staining.

5. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.


6. Do not use reagent after the expiration date printed on the vial.

7. The reagent is optimized for use with Biocare antibodies and ancillary reagents. Refer to the primary antibody and other ancillary reagent instructions for use for recommended protocols and conditions for use.

8. Follow local and/or state authority requirements for method of disposal.

9. The SDS is available upon request and is located at <http://biocare.net>.

This **FISH Hybridization Buffer** contains components classified as indicated in the table below in accordance with the Regulation (EC) No. 1272/2008.

Hazard	Code	Hazard Statement
	H351	Suspected of causing cancer
	H360	May damage fertility of unborn child
	H373	May cause damage to organs (Blood) through prolonged or repeated exposure if swallowed

Technical Support:

Contact Biocare's Technical Support at 1-800-542-2002 for questions regarding this product.

References:

1. Occupational Safety and Health Standards: Occupational exposure to hazardous chemicals in laboratories. (29 CFR Part 1910.1450). Fed. Register.

2. Directive 2000/54/EC of the European Parliament and Council of 18 September 2000 on the protection of workers from risks related to exposure to biological agents at work.

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.



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