

# BOND FISH Kit

## Catalog No: DS9374

### Intended Use

This reagent is a General Purpose Reagent. For Laboratory Use.

The BOND FISH Kit enables the user to perform fluorescence *in situ* hybridization (FISH) on the automated BOND system (includes Leica BOND-MAX system and Leica BOND-III system). It is intended for use with nucleic acid probes on formalin-fixed, paraffin-embedded (FFPE) tissue.

### Summary and Explanation

The BOND FISH Kit consists of a formamide mixture recommended for use on the BOND system (includes Leica BOND-MAX system and Leica BOND-III system). This solution reduces non-specific hybridization of nucleic acid probes. The BOND FISH Kit enables FISH to be performed on the automated BOND system.

### Reagents Provided

Post Hybridization Wash 2 Solution

Total volume = 18 mL, sufficient for 60 tests.

### Dilution and Mixing

BOND FISH Kit is ready to use. Reconstitution, mixing, dilution or titration of this reagent is not required.

### Materials Required But Not Provided

Refer to "Using BOND Reagents" in your BOND user documentation for a complete list of materials required for specimen treatment and *in situ* hybridization using the BOND system (includes Leica BOND-MAX system and Leica BOND-III system).

### Storage and Stability

Store at 2–8 °C. The product is stable under these conditions up to the expiry date indicated on the container label.

There are no obvious signs that could indicate contamination and/or instability.

Return to 2–8 °C immediately after use.

Storage conditions other than those specified above must be verified by the user<sup>1</sup>.

### Precautions

- This reagent is a General Purpose Reagent. For laboratory use.

#### POST HYBRIDIZATION

#### WASH 2

Contains Formamide (<50%).

GHS08: Health hazard.

Signal words: Danger.

H360D:

May damage the unborn child.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P281: Use personal protective equipment as required.

P308+313: If exposed or concerned: Get medical advice/attention.

P314: Get medical advice/attention if you feel unwell.

Restricted to professional users.

- To obtain a copy of the Material Safety Data Sheet contact your local distributor or regional office of Leica Biosystems, or alternatively, visit the Leica Biosystems' Web site, [www.LeicaBiosystems.com](http://www.LeicaBiosystems.com)
- 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<sup>2</sup>. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents or specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. Seek medical advice.
- Consult Federal, State or local regulations for disposal of any potentially toxic components.
- Measures to minimize microbial contamination of reagents need to be taken to prevent the occurrence of non-specific staining.
- Retrieval, incubation times or temperatures other than those specified may give erroneous results. Any such change must be validated by the user.

### Instructions for Use

BOND FISH Kit is developed for use on the automated BOND system (includes Leica BOND-MAX system and Leica BOND-III system) for use with BOND ancillary reagents and user selected FISH probes. The default staining protocol for FISH on BOND is FISH Protocol C. The test protocol will vary according to the probe selected by the user; please refer to the relevant Instructions for Use for further guidance. It is the responsibility of the user to validate the test prior to clinical use.

### Product Specific Limitations

This product is a General Purpose Reagent. For Laboratory Use. This IFU is not intended or designed to describe, implicitly or indirectly, the performance characteristics of any reagent, recommended protocols, or how reagents should be used clinically.

### Troubleshooting

Reference 3 may aid in remedial action.

Contact your local distributor or the regional office of Leica Biosystems to report unusual staining.

### **Further Information**

Further information on *in situ* hybridization with BOND reagents, under the headings Principle of the Procedure, Materials Required, Specimen Preparation, Quality Control, Assay Verification, Interpretation of Staining, Key to Symbols on Labels, and General Limitations can be found in "Using BOND Reagents" in your BOND user documentation.

### **Bibliography**

1. Clinical Laboratory Improvement Amendments of 1988, Final Rule 57 FR 7163 February 28, 1992.
2. Villanova PA. National Committee for Clinical Laboratory Standards (NCCLS). Protection of laboratory workers from infectious diseases transmitted by blood and tissue; proposed guideline. 1991; 7(9). Order code M29-P.
3. Wilkinson DG. The theory and practice of *in situ* hybridization. In: Wilkinson DG. (ed.) *In situ* Hybridization. A practical approach. 2nd Edition. New York: Oxford University Press, 1998, pp.18–20.

### **Date of Issue**

02 March 2015



Leica Biosystems Newcastle Ltd  
Balliol Business Park  
Benton Lane  
Newcastle Upon Tyne NE12 8EW  
United Kingdom  
☎ +44 191 215 4242



Leica Biosystems Canada  
71 Four Valley Drive  
Concord, Ontario L4K 4V8  
Canada  
☎ +1 800 248 0123

Leica Biosystems Inc  
1700 Leider Lane  
Buffalo Grove IL 60089  
USA  
☎ +1 800 248 0123

Leica Biosystems Melbourne Pty Ltd  
495 Blackburn Road  
Mt Waverley VIC 3149  
Australia  
☎ +61 2 8870 3500