

# Rabbit anti-Digoxigenin

ISH Detection  
902-4075-052024

**BIOCARE**  
M E D I C A L

Available Product Formats	
Catalog Number	Volume
BRR4075G	6.0 mL

## Intended Use:

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

## Background Information:

Rabbit anti-Digoxigenin is useful for the chromogenic visualization of Digoxigenin labeled DNA probes hybridized to cognate DNA target sequences in an ISH procedure. The digoxigenin-labeled probe is detected with an unconjugated rabbit anti-digoxigenin antibody, followed by an anti-rabbit enzyme polymer conjugate. Visualization is achieved by a colorimetric reaction with a compatible chromogen.

## Known Applications:

*In situ* hybridization (Formalin-fixed paraffin-embedded tissues)

## Materials and Methods:

### Reagents Provided:

Kit Catalog No.	Component Description	Quantity x Volume
BRR4075G	Rabbit anti-Digoxigenin	1 x 6.0 mL

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

## Supplied As:

Buffered saline solution, pH 7.2 – 7.4, containing a protein carrier and less than 0.01% ProClin 300 and/or less than 0.5% ProClin 950 as a preservative. See Safety Data Sheet for additional details.

## Reconstitution, Dilution and Mixing:

The Rabbit anti-Digoxigenin reagent(s) are optimized and ready to use with cDNA digoxigenin labeled probes and ancillary reagents. No reconstitution, mixing, dilution, or titration is required.

## Storage and Stability:

Store at 2°C to 8°C. 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.

## Staining Protocol Recommendations (Ventana Benchmark Ultra)

BRR4075 is compatible with the Ventana Benchmark staining platforms for research applications. Refer to the User Manual for specific instructions for use in optimizing protocols.

## 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. Kit reagents contain less than 0.05% ProClin 300 and/or less than 1% ProClin 950. Wear gloves and protective clothing and take reasonable precautions when handling as ProClin is classified as an irritant and may cause skin contact sensitization. Avoid contact with eyes, skin, and mucous membranes.

## Precautions Cont'd:

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

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.<sup>3</sup>

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 cDNA digoxigenin labeled probes and ancillary reagents. Refer to the 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>.

## 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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