

Fluorescence Antibody Diluent

Antibody Diluent
901-FAD901-053023

BIOCARE
M E D I C A L

Catalog Number: FAD901 L

Description: 100mL

Intended Use:

Fluorescence antibody diluent is intended for use as a diluent in immunofluorescence procedures. 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:

Fluorescence antibody diluent is a modified PBS formulation with protein carrier and preservative. This ready-to-use modified PBS is formulated to deliver superior performance and signal preservation. The diluent is protease free and stabilizes fluorescent dyes for up to one month in a prediluted format.

Known Applications:

Immunofluorescence on (formalin-fixed paraffin-embedded tissues), cryostat sections and cell culture preparations.

Supplied As:

Proprietary combination of buffers, staining enhancers, stabilizers and preservative with a pH of 7.2-7.4 at Room Temperature.

Materials and Reagents Required But Not Provided:

Microscope slides, positively charged
Desert Chamber* (Drying oven)
Positive and negative tissue controls
Xylene (Could be substituted with Slide Brite*)
Ethanol or reagent alcohol
Decloaking Chamber* (Pressure cooker)
Deionized or distilled water
Wash buffer*(TBS/PBS)
Pretreatment reagents*
Protein block*
Primary antibody*
Negative control reagents*
Detection kits*
Detection components
Mounting medium

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

Storage and Stability:

Store at 2°C to 8°C. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Diluted reagents should be used promptly; any remaining reagent should be stored at 2°C to 8°C.

Instructions for Use:

Biocare's Fluorescence Antibody Diluent was developed for use with secondary antibodies conjugated to fluorescent dyes.

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. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of Biocare products. 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. 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.

Hazard	Code	Hazard Statement
	H317	May cause an allergic skin reaction.

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.