

## Broad Spectrum Negative Control

Catalog Number: K053-025

Document #: DS-2019-A

Effective Date: 2/1/2015

### Intended Use

For In Vitro Diagnostic Use.

### Product Description

Negative controls are used to determine the specificity of an antibody. No staining should be observed when the primary antibody is omitted.

This product is specifically designed to work with rabbit, mouse and goat antibodies. The Broad Spectrum Negative Control has been titered to work with Polymer-based Secondary Systems in manual and automated IHC platforms.

### Summary and Explanation

This product is specifically designed to work with rabbit, mouse and goat antibodies. The Broad Spectrum Negative Control has been titered to work with Polymer-based Secondary Systems in manual and automated IHC platforms.

### Format

Purified ready to use goat, mouse and rabbit immunoglobulins (IgGs)

Total IgG Concentration: 1.5 ug/MI

### Volume/UOM

25 mL

### Storage and Handling

Store at room temperature. Do not use after expiration date printed on label.

### Preparation of Working Solutions

1. Broad Spectrum Negative Control is ready to use and does not require any preparation.

### Protocol Recommendations

1. Use Broad Spectrum Negative Control in place of the primary antibody with a section to evaluate nonspecific staining and allow better interpretation of staining results.

### Quality Control

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays: Approved Guideline-Second edition (I/LA28-

### Troubleshooting

Contact Diagnostic BioSystems Technical Support at (925) 484-3350, extension 2, techsupport@dbiosys.com or your local distributor to report unusual staining results.

### Warranty

There are no warranties, expressed or implied, which extend beyond this

description. Diagnostic BioSystems is not liable for property damage, personal injury, or economic loss caused by this product.

### Performance Characteristics

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 Diagnostic BioSystems products. Ultimately, it is the responsibility of the investigator to determine optimal conditions. These products are tools that can be used for interpretation of morphological findings in conjunction with other diagnostic tests and pertinent clinical data by a qualified pathologist.

### Precautions

1. Wear disposable gloves when handling reagents.
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 label.
6. The MSDS is available upon request.
7. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.