Diagnostic BioSystems

IHC Made Affordable

Conjugated Enzyme Labels

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Effective Date:	12/18/2023

Intended Use
For In Vitro Diagnostic Use

Product Description
Diagnostic BioSystems offers immunostaining detection systems based on streptavidin/biotin technology. We offer species-specific kits to detect antibodies raised in rabbits or mice and convenient broad spectrum kits to detect both. DBS detection systems are available in ready-to-use formats, with the secondary antibody containing either goat anti-mouse and anti-rabbit IgG, goat anti-mouse IgG, or goat anti-rabbit IgG.

Principles of the Procedure
This immunostaining detection systems offered by Diagnostic BioSystems is based on streptavidin/biotin technology. We provide the species-specific kits to detect antibodies raised in rabbits or mice and convenient broad-spectrum kits to detect both antibodies. Diagnostic BioSystem detection systems are available in ready-to-use formats, with the secondary antibody containing either goat anti-mouse and anti-rabbit IgG, goat anti-mouse IgG, or goat anti-rabbit IgG.

Format
Ready to Use

Buffer
0.01M Tris buffer saline Buffer, pH 7.6.

Stabilizer
1mg/mL Bovine Serum Albumin

Preservative
0.1% Proclin

PRODUCT NAME	CATALOG NUMBER	VOLUME	SUMMARY & EXPLANATION	DESCRIPTION
HRP Label	M007	10mL	Peroxidase-conjugated Streptavidin	10mL clear brick red colored solution of peroxidase-conjugated streptavidin.
HRP Label	M008	100mL	Peroxidase-conjugated Streptavidin	100mL clear brick red colored solution of peroxidase-conjugated streptavidin.
ALP Label	M009	10mL	Alkaline Phosphatase-conjugated Streptavidin	10mL clear cherry red colored solution of streptavidin-conjugated alkaline phosphatase.
ALP Label	M010	100mL	Alkaline Phosphatase-conjugated Streptavidin	100mL clear cherry red colored solution of streptavidin-conjugated alkaline phosphatase.

Staining Procedure
For immunohistochemical staining of tissue sections. Incubate for 20-30 minutes at room temperature.

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

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.

Troubleshooting

Diagnostic BioSystems
6616 Owens Drive
Pleasanton, CA, 94588, USA
Tel: (925) 484 3350
www.dbiosys.com

CH REP
MedEnvoy Switzerland
Gotthardstrasse 28
6302 Zug
Switzerland

EC REP
MedEnvoy Global B.V.
Prinses Margrietplantsoen 33 - Suite 123
2595 AM The Hague
The Netherlands

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

This product is a single-use, non-sterile, in vitro diagnostic device.

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.
3. 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.
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 label.
7. The MSDS is available upon request.
8. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.
9. This reagent contains Sodium Azide. Follow instructions provided by local authorities for disposal. If disposed in the sink, flush the drain pipe with water to avoid a reaction of Sodium Azide with the plumbing system.

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