

Ultra High Def™ Background Block Instructions for Use

Catalog No.	ACR-006
Effective Date	12/04/2017, IFU-141 Rev A
Intended Use	For In Vitro Diagnostic Use
Product Description:	Block nonspecific background staining observed during immunostaining.
Introduction	Background Block is unique serum-free blocking solution used to reduce nonspecific background staining. It is a universal blocking agent which eliminates the need to match species with the link antibody. This blocking reagent has been shown to be more superior than serum-based blocking solutions. In addition to immunohistochemistry, Background Blocker can also be used for ELISA and Western Blot techniques.
Format	100mL -Ready to use solution
Storage	Store at 2-8°C. Product contains Sodium Azide as a preservative. Do not use beyond the expiration date stated on the label.
Procedure	<ol style="list-style-type: none">1. Deparaffinize slides and bring them to water.2. If desired, block hydrogen peroxidase activity.3. Wash tissue sections with wash buffer.4. Apply enough drops of Background Block to cover tissue sections completely. Incubate at room temperature for 10 minutes.5. Drain off excess of Background Block and apply primary antibody without washing slide(s).
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	Contact StatLab Medical Products Technical Support at 800-442-3573, option 5 or email, ihctech@statlab.com to report any unusual results.
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 StatLab 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 tools and pertinent clinical data by a qualified pathologist.
Precautions:	<ol style="list-style-type: none">1. Wear disposable gloves when handling reagents.2. Specimens, before and after fixation, and all materials exposed to them should handled as if capable of transmitting infection and disposed 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.





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5. Do not use reagent after the expiration date printed on the label.
6. Safety Data Sheet (SDS) is available upon request

