

## Ultra High Def™ Peroxidase/AP Block

### Instructions for Use

<b>Catalog No.</b>	ACR-023
<b>Effective Date:</b>	12/04/2017, IFU-152 Rev A
<b>Intended Use</b>	For In Vitro Diagnostic Use
<b>Product Description:</b>	Ultra High Def™ Tissue Primer is a peroxidase/ Alkaline Phosphatase blocking reagent for use in Horse radish peroxidase (HRP) and Alkaline phosphatase (AP) based immunohistochemical staining procedures done on paraffin tissue sections, frozen tissue sections and cell smears to suppress nonspecific staining due to endogenous enzyme activity.
<b>Introduction</b>	In the evaluation of tissue specimens by IHC using HRP and AP methods, the presence of endogenous enzymes can often obscure the specific staining of the target antigen. Endogenous peroxidase and AP activity can be inhibited by the use of Ultra High Def™ Peroxidase/AP Block which will suppress endogenous peroxidase, pseudo peroxidase, and alkaline phosphatase in paraffin tissue sections, frozen tissue sections and cell smears.
<b>Format</b>	100 mL clear, ready to use solution.
<b>Storage</b>	Light sensitive. Store at 2-8°C in dark bottle and/or area. Do not freeze. Do not use beyond the expiration date stated on the label.
<b>Procedure</b>	<ol style="list-style-type: none"><li>1. For paraffin-embedded tissues, deparaffinize using standard histological methods.</li><li>2. Perform any required pre-treatment steps (such as antigen retrieval) prior to using Ultra High Def™ Peroxidase/AP Block.</li><li>3. Incubate deparaffinized tissue sections, frozen tissue sections or cell smears for 5-10 minutes at room temperature prior to applying primary antibody.</li><li>4. Rinse tissue with immuno wash buffer after incubation with Ultra High Def™ Peroxidase/AP Block and proceed to the next step.</li></ol>
<b>Quality Control</b>	Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second Edition (I/LA28-A2). CLSI Wayne, PA, USA ( <a href="http://www.clsi.org">www.clsi.org</a> ), 2011
<b>Troubleshooting</b>	Contact StatLab Medical Products Technical Support at 800-442-3573, option 5 or email, <a href="mailto:ihctech@statlab.com">ihctech@statlab.com</a> to report any unusual results.
<b>Warranty</b>	There is no warranties, expressed or implied, which extend beyond this description. StatLab Medical Products is not liable for property damage, personal injury, or economic Loss caused by this product.
<b>Performance Characteristics</b>	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.
<b>Precautions:</b>	<ol style="list-style-type: none"><li>1. Wear disposable gloves when handling reagents.</li><li>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.</li><li>3. Microbial contamination of reagents may result in an increase in nonspecific staining.</li><li>4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.</li><li>5. Do not use reagent after the expiration date printed on the label.</li></ol>



6. Safety Data Sheet (SDS) is available upon request.

