

## N-Acetylcysteine

<b>Alternate names:</b>	N-Acetyl Cysteine, N-Acetyl-Cysteine, NAC
<b>Catalog No.:</b>	AR05232PU-L
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	<p>N-Acetyl Cysteine is a pharmacological agent used mainly as a mucolytic and in the management of paracetamol overdose.</p> <p>N Acetyl Cysteine is the N-acetyl derivative of the amino acid L-cysteine, and is a precursor in the formation of the antioxidant glutathione in the body. The thiol (sulfhydryl) group confers antioxidant effects and is able to reduce free radicals.</p> <p>NAC has been used in the treatment of many disorders, but most instances are not well established and have not been adequately investigated.</p>
<b>Format:</b>	<p><b>State:</b> Lyophilized purified protein.</p> <p><b>Reconstitution:</b> Restore with 1.0 ml distilled water containing 0.1% Merthiolate.</p>
<b>Applications:</b>	<p>Immunohistochemistry on Frozen and Paraffin Sections.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Description:</b>	N-Acetylcysteine-BSA Conjugate.
<b>Storage:</b>	<p>Store prior to reconstitution at 2-8°C and after reconstitution at -20°C.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>