## New England Biolabs
### Certificate of Analysis

**Product Name:** ApoI  
**Catalog #:** R0566S/L  
**Concentration:** 10,000 units/ml  
**Unit Definition:** One unit is defined as the amount of enzyme required to digest 1 µg of Lambda DNA in 1 hour at 50°C in a total reaction volume of 50 µl.  
**Lot #:** 0081708  
**Assay Date:** 08/2017  
**Expiration Date:** 8/2019  
**Storage Temp:** -20°C  
**Storage Conditions:** 100 mM NaCl, 10 mM Tris-HCl (pH 7.4), 1 mM DTT, 0.1 mM EDTA, 50% Glycerol, 200 µg/ml BSA  
**Specification Version:** PS-R0566S/L v1.0  
**Effective Date:** 06 Aug 2013  

<table>
<thead>
<tr>
<th>Assay Name/Specification</th>
<th>Lot #0081708</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue-White Screening (Terminal Integrity)</td>
<td>Pass</td>
</tr>
<tr>
<td>Exonuclease Activity (Radioactivity Release)</td>
<td>Pass</td>
</tr>
<tr>
<td>Ligation and Recutting (Terminal Integrity)</td>
<td>Pass</td>
</tr>
<tr>
<td>Non-Specific DNase Activity (16 Hour)</td>
<td>Pass</td>
</tr>
<tr>
<td>Protein Purity Assay (SDS-PAGE)</td>
<td>Pass</td>
</tr>
</tbody>
</table>

*The BSA in this product has been granted an EDQM “Certificate of Suitability” from the European Directorate for the Quality of Medicines (# R1-CEP-2003-204-Rev00) and has been granted a USDA Certificate for Export of Bovine Blood Plasma/Serum for manufacture into Pharmaceutical Products.*

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**Authorized by**  
Derek Robinson  
06 Aug 2013  

**Inspected by**  
Anthony Francis  
08 Aug 2017