



For research use only

ISO9001

**BamHI**

Product	Quantity	Cat. No.	Remarks
BamHI	10,000 unit	EBR-1025	20 unit/ $\mu$ l

**Recognition site****Source***Bacillus amyloliquefaciens* H.**Reaction Conditions**Buffer BamHI + BSA : 10 mM Tris-HCl (pH 7.9), 150 mM NaCl, 10 mM MgCl<sub>2</sub>, 1 mM DTT.Supplement with 100  $\mu$ g/ml BSA. Incubate at 37 °C.**Concentration & Storage Condition**Store at -20 °C. 20 unit/ $\mu$ l in 10 mM Tris-HCl (pH 7.4), 50 mM KCl, 1 mM DTT, 0.1 mM EDTA, 200  $\mu$ g/ml BSA, 50% (v/v) glycerol.**Heat Inactivation Condition**

No.

**Enzyme dilution**

Dilute with Storage Buffer.

**QC Tests**

Activity, ligation and recutting, exo and endonuclease activity test, SDS-PAGE purity, performance tests.

**Methylase Sensitivity**Not sensitive to *dam*, *dcm* or CpG methylation.**Note**

Low salt, high glycerol (&gt;5%) concentrations, pH &gt; 8.0 or large excess of enzyme may result in star activity.

Buf	37°C			BW
<small>BUFFER</small>	<small>REACTION</small>	<small>INACTIVATION</small>	<small>METHYL BLOCK</small>	<small>BLUE/WHITE</small>

Buffer	1	2	3	4
Activity	75	100	100	100



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