



51914

## BamHI (10U/mcl)

Part E

### Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Colourless
Appearance (Clarity)	Clear
Activity	One unit is defined as the amount of enzyme required to digest 1 µg of lambda DNA in 1 hour at 37 °C in 50 µL of assay buffer. Incubation of single stranded and double stranded radiolabeled oligonucleotides with 10 units of the enzyme for 4 hours at 37 °C.
DNA degradation	After 160-fold overdigestion (10 U/µg Lambda DNA for 16 hours at 37 °C) with enzyme the fragmentation pattern is analysed. No detectable changes compared to the theoretical fragmentation pattern are considered as absence of star activity.
Star Acitivity	

### Other Information

Description	BamHI is an endonuclease enzyme isolated from strains of <i>B.amyloliquefaciens</i> H, and is part of the restriction modification system. In molecular biology it is used as a restriction enzyme. It creates sticky ends with 5' end overhangs. The nucleic acid sequence where the enzyme cuts is GAATCC, which, as the complementary sequence is CTTAGG, has rotational symmetry.
Includes	<ul style="list-style-type: none"><li>• BamHI - 250 ?l</li><li>• 10X Reaction Buffer - 1.0ml</li></ul>

### General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
2500 Units	38229090 (GST 12%)

## Available Packages

2500 Units

10000 Units

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### Disclaimer

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