



24848

BglIII (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. |
| DNA degradation | Incubation of single stranded and double stranded radiolabeled oligonucleotides with 10 units of the enzyme for 4 hours at 37 °C. |
| Star Acitivity | 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. |

Other Information

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|-------------|--|
| Description | BglIII is an endonuclease enzyme isolated from strains of Bacillus globigii lacking BglIII and is part of the restriction modification system. In molecular biology it is used as a restriction enzyme that creates sticky ends. The nucleic acid sequence where the enzyme cuts is AGATCT, which as the complementary sequence is TCTAGA. |
| Includes | 250U • BglIII - 25 ?l • 10X Reaction Buffer - 1.0ml 500U • BglIII - 50 ?l • 10X Reaction Buffer - 1.0ml |

General Information

| | |
|---------------------|---------------------------------------|
| Storage | -20 °C (Blue/Dry Ice) |
| Shelf Life | 24 Months |
| IMDG Identification | Not Regulated for Transport (Non-Haz) |
| HSN Code | |
| 250 Units | 38229090 (GST 12%) |
| 500 Units | 38229090 (GST 12%) |

Available Packages

250 Units

500 Units

Disclaimer

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