



91290

EcoRI (10U/ml)

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 Activity	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

Description	EcoRI is an endonuclease enzyme isolated from strains of Escherichia. Coli RY13, 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 GAATTC, which, as the complementary sequence is CTTAAG, has rotational symmetry.
Includes	<ul style="list-style-type: none">• EcoRI - 400 µl• 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	
4000 Units	38229090 (GST 12%)

Available Packages

4000 Units

10000 Units

Disclaimer

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