



90279

EcoRV (Eco321) (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

Description	EcoRV is an endonuclease enzyme isolated from strains of Escherichia.coli J62plg 74, and is part of the restriction modification system. It is also known as Eco321. In molecular biology it is used as a restriction enzyme. It creates blunt ends The nucleic acid sequence where the enzyme cuts is GATATC, which, as the complementary sequence is CTATAG, has rotational symmetry.
Includes	<ul style="list-style-type: none">• EcoRV - 150 ?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	
1500 Units	38229090 (GST 12%)

Disclaimer

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