



79971

## NcoI (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	NcoI is an endonuclease enzyme isolated from strains of Nocardia corallina and is part of the restriction modification system. In molecular biology it is used as a restriction enzyme. It creates sticky ends with a 3' overhang. The nucleic acid sequence where the enzyme cuts is CCATGG which, as the complementary sequence is GGTACC, has rotational symmetry.
Includes	125U • NcoI - 12.5 µl • 10X Reaction Buffer - 1.0ml 300U • NcoI - 30 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	
125 Units	38229090 (GST 12%)
300 Units	38229090 (GST 12%)

## Available Packages

125 Units

300 Units

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### Disclaimer

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