



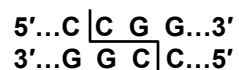
For research use only

ISO9001

## Hpa II

Product	Quantity	Cat. No.	Remarks
Hpa II	1,000 unit	EBR-1079	10 unit/μl

### Recognition site



### Source

*Haemophilus parainfluenzae*

### Reaction Conditions

Buffer 1. 10 mM Tris-Cl (pH 7.5), 7 mM magnesium chloride, 50mM KCl, 1 mM DTT.

Incubate at 37°C.

### Concentration & Storage Condition

Store at -20°C. 10 unit/μl in 10 mM Tris-HCl (pH 7.4), 50 mM NaCl, 1 mM DTT,

0.1 mM EDTA, 200 μg/ml BSA, 50% (v/v) glycerol.

### Heat Inactivation Condition

65°C for 20min.

### Enzyme dilution

Dilute with Storage Buffer.

### QC Tests

Activity, ligation and recutting, exo and endonuclease activity test, SDS-PAGE purity, performance tests.

### Methylase Sensitivity

Blocked by CpG methylase (Cleavage of mammalian genomic DNA is blocked).

### Note

Inhibited by salt concentrations of &gt; 50mM KCl.

Buf1	37°C	65°C	CpG	
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	100	50	10	100



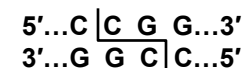
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