



For research use only

ISO9001

Hpa I

Product	Quantity	Cat. No.	Remarks
Hpa I	500 unit	EBR-1077	10 unit/μl

Recognition site

5'...G T T | A A C...3'
3'...C A A | T T G...5'

Source

Haemophilus parainfluenzae.

Reaction Conditions

Buffer 4. 20 mM Tris-acetate (pH 7.9), 50 mM potassium acetate, 10 mM magnesium acetate, 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 KCl, 1 mM DTT, 0.1 mM EDTA, 200 mg/ml BSA, 50% (v/v) glycerol.

Heat Inactivation Condition

No.

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 some combinations of overlapping CpG methylation.

Note

Low salt, high glycerol (>5%) concentrations, pH > 8.0 or large excess of enzyme may result in star activity

Buf4	37°C		CpG	
<small>BUFFER</small>	<small>REACTION</small>	<small>INACTIVATION</small>	<small>METHYL BLOCK</small>	<small>BLUE/WHITE</small>

<small>Buffer</small>	1	2	3	4
<small>Activity</small>	25	50	10	100



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