

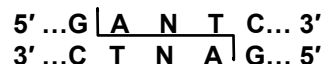


For research use only

ISO9001

**Hinf I**

Product	Quantity	Cat. No.	Remarks
Hinf I	2,500 unit	EBR-1075	10 unit/μl

**Recognition site****Source***Haemophilus influenzae* Rf.**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 μg/ml BSA, 50% (v/v) glycerol.

**Heat Inactivation Condition**

80°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 some combinations of overlapping CpG methylation.

<b>Buf4</b>	<b>37°C</b>	<b>80°C</b>	<b>CpG</b>	
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

<b>Buffer</b>	1	2	3	4
<b>Activity</b>	75	100	75	100

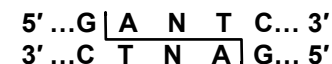


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