



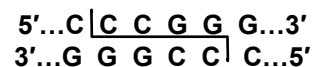
For research use only

ISO9001

Xma I

Product	Quantity	Cat. No.	Remarks
Xma I	250 unit	EBR-1153	5 unit/μl

Recognition site



Source

Xanthomonas malvacearum.

Reaction Conditions

Buffer 4 + BSA. 20 mM Tris-acetate (pH 7.9), 50 mM potassium acetate, 10 mM magnesium acetate, 1 mM DTT. Supplement with 100 μg/ml BSA. Incubate at 37°C.

Concentration & Storage Condition

Store at -20°C. 5 unit/μl in 20 mM Tris-HCl (pH 7.5), 50 mM KCl, 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

Impaired by CpG methylation.

Buf4	37°C	65°C	CpG	
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	25	50	0	100



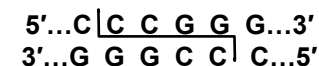
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