



For research use only

ISO9001

Xho I

Product	Quantity	Cat. No.	Remarks
Xho I	5,000 unit	EBR-1149	10 unit/μl

Recognition site

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

Source

Xanthomonas holcicola.

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. 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

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

BUFFER

37°C

REACTION

65°C

INACTIVATION

CpG

METHYL BLOCK

BW

BLUE/WHITE

Buffer**Activity**

1

75

2

100

3

100

4

100



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