



For research use only

ISO9001

EcoRV

Product	Quantity	Cat. No.	Remarks
EcoRV	5,000 unit	EBR-1057	10 unit/μl

Recognition site

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

Source

plasmid J62 pLG74.

Reaction Conditions

Buffer 3 + BSA. 50 mM Tris-HCl (pH 7.9), 100 mM NaCl, 10 mM MgCl₂, 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 NaCl, 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 overlapping CpG methylation.

Buf3	37°C	80°C	CpG	BW
BUFFER	REACTION	INACTIVATION	METHYL BLOCK	BLUE/WHITE

Buffer	1	2	3	4
Activity	50	75	100	50



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