

## Diluent B



B8002S 001160419041

1-800-632-7799  
info@neb.com  
www.neb.com

# B8002S

**5 ml** Lot: **0011604**  
**Store at -20°C** Exp: **4/19**

**Description:** Diluent B is recommended for making dilutions of New England Biolabs, Inc. restriction enzymes.

When necessary, we recommend diluting enzymes just prior to use and suggest that the final concentration of diluted enzymes be at least 1,000 units/ml. Enzymes should be stored at their selling concentrations.

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### Diluent B:

300 mM NaCl, 10 mM Tris-HCl (pH 7.4 @25°C),  
1 mM DTT, 0.1 mM EDTA, 500 µg/ml BSA and  
50% glycerol.

### These enzymes are compatible with Buffer B:

AclI	BsmBI	MscI
AcuI	BspMI	MspA1I
AflIII	BsrI	MwoI
AluI	BssSI	NlaIII
ApeKI	BstZ17I	NlaIV
Asel	Cac8I	PI-PspI
AsiSI	CviAI	PI-SceI
AvrII	DpnI	PpuMI
BbsI	DpnII	PvuI
BbvI	DraIII	SfaNI
Bfal	EagI	Sfcl
BfuAI	FseI	SfoI
BglI	HincII	SphI
Bmrl	HindIII	StyD4I
BpmI	HphI	Swal
Bsal	HpyCH4V	TaqI
BsaXI	I-CeuI	TliI
BseYI	I-SceI	TseI
BsgI	KasI	TspRI
BsiHKA1	MmeI	Tth111I
BsmAI	MnlI	

Each vial contains 1.3 ml of diluent buffer.

**Note:** These enzyme diluent buffers are not for use with Vent<sub>R</sub><sup>®</sup> DNA Polymerases. For diluting Vent<sub>R</sub> DNA Polymerases, use (NEB #B8004).



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This product is intended for research purposes only. This product is not intended to be used for therapeutic or diagnostic purposes in humans or animals.

CERTIFICATE OF ANALYSIS

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AvrII	DpnI	PpuMI
BbsI	DpnII	PvuI
BbvI	DraIII	SfaNI
Bfal	EagI	Sfcl
BfuAI	FseI	SfoI
BglI	HincII	SphI
Bmrl	HindIII	StyD4I
BpmI	HphI	Swal
Bsal	HpyCH4V	TaqI
BsaXI	I-CeuI	TliI
BseYI	I-SceI	TseI
BsgI	KasI	TspRI
BsiHKA1	MmeI	Tth111I
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