

Diluent A



1-800-632-7799
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B8001S 001160419041

B8001S

5 ml Lot: 0011604 Exp: 4/19

Store at -20°C

Description: Diluent A 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.

Each vial contains 1.3 ml of diluent buffer.

Diluent A:

50 mM KCl, 10 mM Tris-HCl, (pH 7.4 at 25°C)
0.1 mM EDTA, 1 mM DTT, 200 µg/ml BSA and
50% glycerol.

These enzymes are compatible with Buffer A:

AatII	BccI	BsII	BstYI
AccI	BceAI	BsmI	Bsu36I
Acc65I	BcgI	BsmFI	BtgI
Acil	BciVI	BsoBI	BtgZI
AfeI	BclI	Bsp1286I	BtsI
AflII	BfrBI	BspCNI	Clal
AhdI	BfuCI	BspDI	CspCI
AleI	BglII	BspEI	Ddel
AlwI	BlpI	BspHI	Dral
AlwNI	Bme1580I	BsrBI	DrdI
Apal	BmtI	BsrDI	EaeI
ApaLI	Bpu10I	BsrGI	EarI
ApoI	BpuEI	BssHII	Ecil
Ascl	BsaAI	BssKI	EcoNI
Aval	BsaBI	BstAPI	Eco0109I
Avall	BsaHI	BstBI	EcoP15I
BaeI	BsaJI	BstEII	EcoRV
BamHI	BsaWI	BstF5I	FatI
BanI	BseRI	BstNI	FauI
BanII	BsiEI	BstUI	Fnu4HI
BbvCI	BsiWI	BstXI	FokI
			Haell
			HaellI
			Hgal
			Hhal
			Hinfl
			HinP1I
			HpaI
			HpaII
			Hpy99I
			Hpy188I
			Hpy188III
			HpyCH4III
			HpyCH4IV
			KpnI
			MboI
			MboII
			McrBC
			MfeI
			MluI
			MlyI
			MseI
			MslI
			MspI
			NaeI
			N.AlwI
			NarI
			N.BbvCIA
			N.BbvCIB
			N.BstNBI
			Ncil
			NcoI
			NdeI
			NgoMIV
			Nrul
			Nsil
			Nspl
			Pacl
			PaeR7I
			Pcil
			PfiFI
			PfIMI
			PhoI
			PleI
			PmeI
			PmiI
			PshAI
			Psil
			PspGI
			PspOMI
			PspXI
			PvuII
			RsaI
			SacI
			SacII
			Sall
			Sau3AI
			Sau96I
			SbfI
			Scal
			ScrFI
			SexAI
			SgrAI
			SmaI
			SmlI
			SnaBI
			SpeI
			StuI
			StyI
			Tsp45I
			Tsp509I
			XbaI
			XhoI
			XmaI
			XmnI
			ZraI

Note: These enzyme diluent buffers are not for use with Vent_R® DNA Polymerases. For diluting Vent_R DNA Polymerases, use (NEB #B8004).



NEW ENGLAND BIOLABS® and VENT® are registered trademarks of New England Biolabs, Inc.

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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ApaLI	Bpu10I	BsrGI	EarI
ApoI	BpuEI	BssHII	Ecil
Ascl	BsaAI	BssKI	EcoNI
Aval	BsaBI	BstAPI	Eco0109I
Avall	BsaHI	BstBI	EcoP15I
BaeI	BsaJI	BstEII	EcoRV
BamHI	BsaWI	BstF5I	FatI
BanI	BseRI	BstNI	FauI
BanII	BsiEI	BstUI	Fnu4HI
BbvCI	BsiWI	BstXI	FokI
			Haell
			HaellI
			Hgal
			Hhal
			Hinfl
			HinP1I
			HpaI
			HpaII
			Hpy99I
			Hpy188I
			Hpy188III
			HpyCH4III
			HpyCH4IV
			KpnI
			MboI
			MboII
			McrBC
			MfeI
			MluI
			MlyI
			MseI
			MslI
			MspI
			NaeI
			N.AlwI
			NarI
			N.BbvCIA
			N.BbvCIB
			N.BstNBI
			Ncil
			NcoI
			NdeI
			NgoMIV
			Nrul
			Nsil
			Nspl
			Pacl
			PaeR7I
			Pcil
			PfiFI
			PfIMI
			PhoI
			PleI
			PmeI
			PmiI
			PshAI
			Psil
			PspGI
			PspOMI
			PspXI
			PvuII
			RsaI
			SacI
			SacII
			Sall
			Sau3AI
			Sau96I
			SbfI
			Scal
			ScrFI
			SexAI
			SgrAI
			SmaI
			SmlI
			SnaBI
			SpeI
			StuI
			StyI
			Tsp45I
			Tsp509I
			XbaI
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