

Diluent A



1-800-632-7799
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B8001S 001130516051

B8001S

5 ml Lot: 0011305 Exp: 5/16

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	BslI
AccI	BceAI	BsmI
Acc65I	BcgI	BsmFI
AciI	BciVI	BsoBI
AfeI	BclI	Bsp1286I
AflII	BfrBI	BspCNI
AhdI	BfuCI	BspDI
AleI	BglII	BspEI
AlwI	BlpI	BspHI
AlwNI	Bme1580I	BsrBI
ApaI	BmtI	BsrDI
ApaLI	Bpu10I	BsrGI
ApoI	BpuEI	BssHII
AscI	BsaAI	BssKI
AvaI	BsaBI	BstAPI
AvaII	BsaHI	BstBI
BaeI	BsaJI	BstEII
BamHI	BsaWI	BstF5I
BanI	BseRI	BstNI
BanII	BsiEI	BstUI
BbvCI	BsiWI	BstXI

BstYI
Bsu36I
BtgI
BtgZI
BtsI
ClaI
CspCI
DdeI
DraI
DrdI
EaeI
EarI
EciI
EcoNI
Eco0109I
EcoP15I
EcoRV
FatI
FauI
Fnu4HI
FokI
HaeII
HaeIII
HgaI
HhaI
HinfI
HinPII

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
NciI
NcoI
NdeI
NgoMIV

NruI
NsiI
NspI
PacI
PaeR7I
PciI
PflFI
PflMI
PhoI
PleI
PmeI
PmlI
PshAI
PsiI
PspGI
PspOMI
PspXI
PvuII
RsaI
SacI
SacII
SalI
Sau3AI
Sau96I
SbfI
ScaI
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 #B8004S).

CERTIFICATE OF ANALYSIS

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DdeI
DraI
DrdI
EaeI
EarI
EciI
EcoNI
Eco0109I
EcoP15I
EcoRV
FatI
FauI
Fnu4HI
FokI
HaeII
HaeIII
HgaI
HhaI
HinfI
HinPII

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
NciI
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NdeI
NgoMIV

NruI
NsiI
NspI
PacI
PaeR7I
PciI
PflFI
PflMI
PhoI
PleI
PmeI
PmlI
PshAI
PsiI
PspGI
PspOMI
PspXI
PvuII
RsaI
SacI
SacII
SalI
Sau3AI
Sau96I
SbfI
ScaI
ScrFI

SexAI
SgrAI
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