

Appendix

TOYOBO販売制限酵素活性測定反応条件

酵素名	Buffer組成	反応温度	基質
<i>Alu I</i>	10mM Tris-HCl (pH7.5) , 50mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>BamH I</i>	10mM Tris-HCl (pH7.5) , 150mM KCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Bcl I</i>	10mM Tris-HCl (pH8.5) , 60mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	50°C	λ <i>damr</i>
<i>Bgl I</i>	100mM Tris-HCl (pH8.0) , 60mM NaCl, 7mM MgCl ₂	37°C	λ
<i>Bgl II</i>	10mM Tris-HCl (pH7.5) , 100mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Dde I</i>	10mM Tris-HCl (pH7.5) , 150mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Dpn I</i>	33mM Tris-acetate (pH7.9) , 10mM Mg(OAc) ₂ , 66mM KOAc, 1mM DTT	37°C	pBR322
<i>EcoR I</i>	100mM Tris-HCl (pH7.5) , 50mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>EcoRV</i>	10mM Tris-HCl (pH7.5) , 100mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Hae III</i>	10mM Tris-HCl (pH7.5) , 60mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Hinc II</i>	10mM Tris-HCl (pH7.5) , 100mM NaCl, 2mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Hind III</i>	10mM Tris-HCl (pH8.0) , 60mM NaCl, 7mM MgCl ₂	37°C	λ
<i>Hinf I</i>	10mM Tris-HCl (pH8.0) , 100mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Kpn I</i>	10mM Tris-HCl (pH7.5) , 10mM KCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Mlu I</i>	10mM Tris-HCl (pH7.5) , 150mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Mro I</i>	10mM Tris-HCl (pH8.0) , 20mM NaCl, 12mM MgCl ₂	37°C	λ
<i>Msc I</i>	20mM Tris-Acetate (pH7.9) , 50mM KOAc, 10mM Mg(OAc) ₂ , 1mM DTT	37°C	λ
<i>Nco I</i>	10mM Tris-HCl (pH7.5) , 150mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Nhe I</i>	10mM Tris-HCl (pH8.0) , 50mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Not I</i>	10mM Tris-HCl (pH7.5) , 150mM NaCl, 7mM MgCl ₂ , 7mM 2-ME, 0.01% Triton X-100	37°C	Ad2
<i>Pac I</i>	10mM Bis Tris Propane-HCl (pH7.0) , 10mM MgCl ₂ , 1mM DTT	37°C	Plasmid 193
<i>Pst I</i>	20mM Tris-HCl (pH7.5) , 100mM NaCl, 10mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Pvu I</i>	10mM Tris-HCl (pH7.5) , 150mM KCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Pvu II</i>	50mM Tris-HCl (pH7.5) , 60mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Sac I</i>	10mM Tris-HCl (pH7.5) , 20mM KCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Sac II</i>	10mM Tris-HCl (pH7.5) , 10mM KCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Sal I</i>	10mM Tris-HCl (pH7.5) , 150mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Sca I</i>	10mM Tris-HCl (pH7.5) , 150mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Sfi I</i>	10mM Tris-HCl (pH8.0) , 50mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	50°C	Ad2
<i>Sma I</i>	10mM Tris-HCl (pH7.5) , 20mM KCl, 7mM MgCl ₂ , 7mM 2-ME	30°C	λ
<i>Spe I</i>	10mM Tris-HCl (pH7.5) , 80mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	Ad2
<i>Sph I</i>	10mM Tris-HCl (pH7.5) , 150mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ
<i>Xho I</i>	10mM Tris-HCl (pH8.0) , 100mM NaCl, 7mM MgCl ₂ , 7mM 2-ME	37°C	λ

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既に販売中止の製品を含んでいる可能性があります。

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