

FISHER BIOREAGENTS

Restriction Enzymes

Quality assurance —
tested for activity and functional purity

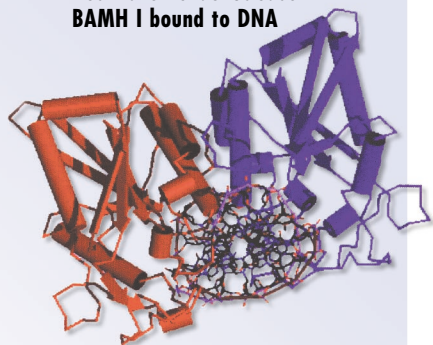
Fisher Ordering Information

Description	Source	Concentration	Quantity	Cat. No.
<i>Aat</i> II	<i>Acetobacter aceti</i>	3–5 units/μL	50 units	BP3300-1
<i>Acc</i> I	<i>Acinetobacter calcoaceticus</i>	3–10 units/μL	100 units	BP3302-1
<i>Acc</i> III	<i>Acinetobacter calcoaceticus</i>	10 units/μL	200 units	BP3304-1
<i>Acc</i> 65 I	<i>Acinetobacter calcoaceticus</i>	10 units/μL	1500 units	BP3306-1
<i>Alu</i> I	<i>Arthrobacter luteus</i>	10 units/μL	500 units	BP3308-1
<i>Alw</i> 44 I	<i>Acinetobacter lwoffii</i> RFL 44	10 units/μL	1000 units	BP3310-1
<i>Apa</i> I	<i>Acetobacter pasteurianus</i>	8–12 units/μL	5000 units	BP3312-1
<i>Ava</i> I	<i>Anabaena variabilis</i>	8–12 units/μL	200 units	BP3314-1
<i>Ava</i> II	<i>Anabaena variabilis</i>	1–10 units/μL	100 units	BP3316-1
<i>Bal</i> I	<i>Brevibacterium albidum</i>	2–10 units/μL	50 units	BP3318-1
<i>Bam</i> H I	<i>Bacillus amyloliquefaciens</i> H	10 units/μL	2500 units	BP3320-1
		40–80 units/μL	50,000 units (HC)	BP3320-7
<i>Ban</i> II	<i>Bacillus aneurinolyticus</i>	8–12 units/μL	1000 units	BP3322-1
<i>Bcl</i> I	<i>Bacillus caldolyticus</i>	40–80 units/μL	5000 units (HC)	BP3324-5
<i>Bgl</i> I	<i>Bacillus globigii</i>	10 units/μL	1000 units	BP3325-1
<i>Bgl</i> II	<i>Bacillus globigii</i>	10 units/μL	500 units	BP3326-1
<i>Bsp</i> 1 286 I	<i>Bacillus sphaericus</i> (IAM 1286)	10 units/μL	500 units	BP3328-1
<i>Bs</i> BR I	<i>Bacillus stearothermophilus</i>	10 units/μL	2000 units	BP3330-1
<i>Bs</i> S II	<i>Bacillus stearothermophilus</i> H3	10 units/μL	100 units	BP3332-1
<i>Bs</i> F98 I	<i>Bacillus stearothermophilus</i>	8–12 units/μL	500 units	BP3334-1
<i>Bs</i> E II	<i>Bacillus stearothermophilus</i>	10 units/μL	2000 units	BP3336-1
<i>Bs</i> O I	<i>Bacillus stearothermophilus</i>	10 units/μL	2000 units	BP3338-1
<i>Bs</i> X I	<i>Bacillus stearothermophilus</i> XI	8–12 units/μL	250 units	BP3340-1
<i>Cfo</i> I	<i>Clostridium formicoaceticum</i>	10 units/μL	3000 units	BP3342-1
<i>Cla</i> I	<i>Caryophanon latum</i> L	10 units/μL	500 units	BP3344-1
<i>Csp</i> I	<i>Clostridium</i> species	10 units/μL	100 units	BP3346-1
<i>Csp</i> 45 I	<i>Clostridium sporogenes</i>	10 units/μL	2500 units	BP3348-1
<i>Dde</i> I	<i>Desulfovibrio desulfuricans</i>	8–12 units/μL	200 units	BP3350-1
<i>Dpn</i> I	Recombinant <i>E. coli</i> strain	10 units/μL	200 units	BP3352-1
<i>Dra</i> I	<i>Deinococcus radiophilus</i>	10 units/μL	2000 units	BP3354-1
<i>Eco</i> R V	<i>Escherichia coli</i> J62 pLG74	10 units/μL	2000 units	BP3356-1
<i>Eco</i> 47 III	<i>Escherichia coli</i> RFL 47	2–5 units/μL	50 units	BP3358-1
<i>Eco</i> 52 I	<i>Escherichia coli</i> RFL 52	1–5 units/μL	50 units	BP3360-1
<i>Eco</i> R I	<i>Escherichia coli</i> RY 13	8–12 units/μL	5000 units	BP3362-1
		40–80 units/μL	50,000 units (HC)	BP3362-7
<i>Fok</i> I	<i>Flavobacterium okeanokoites</i>	2–10 units/μL	100 units	BP3364-1
<i>Hae</i> II	Recombinant <i>E. coli</i> strain	10 units/μL	1000 units	BP3366-1
<i>Hae</i> III	<i>Haemophilus aegyptius</i>	10 units/μL	2500 units	BP3368-1
<i>Hinc</i> II	<i>Haemophilus influenzae</i> Rc	10 units/μL	200 units	BP3370-1
<i>Hind</i> III	<i>Haemophilus influenzae</i> Rd	10 units/μL	5000 units	BP3372-1
		40–80 units/μL	50,000 units (HC)	BP3372-7
<i>Hinf</i> I	<i>Haemophilus influenzae</i> Rf	10 units/μL	1000 units	BP3374-1
<i>Hpa</i> I	<i>Haemophilus parainfluenzae</i>	3–10 units/μL	100 units	BP3376-1
<i>Hpa</i> II	<i>Haemophilus parainfluenzae</i>	10 units/μL	1000 units	BP3378-1

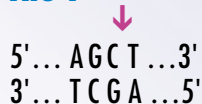
Activity unit definition:

One unit of restriction enzyme is defined as the amount of enzyme required to produce a complete digest of one microgram of substrate DNA in 60 minutes at the appropriate assay temperature in a 50μL reaction volume.

Restriction endonuclease BAMH I bound to DNA



Alu I



BAMH I



EcoR I



Hae III





FISHER BIOREAGENTS

Fisher Ordering Information Continued

Description	Source	Concentration	Quantity	Cat. No.
Kpn I	<i>Klebsiella pneumoniae</i> OK8	8–12 units/μL	2500 units	BP3380-1
		40–80 units/μL	12,500 units (HC)	BP3380-7
Mlu I	<i>Micrococcus luteus</i>	10 units/μL	1000 units	BP3382-1
Msp I	<i>Moraxella</i> species	10 units/μL	2000 units	BP3384-1
Nae I	<i>Nocardia aerocolonigenes</i>	4 units/μL	250 units	BP3386-1
Nar I	<i>Nocardia argentinensis</i>	10 units/μL	200 units	BP3388-1
Nco I	<i>Nocardia corallina</i>	10 units/μL	200 units	BP3390-1
Nde I	<i>Neisseria denitrificans</i>	10 units/μL	500 units	BP3392-1
Nde II	<i>Neisseria denitrificans</i>	10 units/μL	200 units	BP3394-1
Nhe I	<i>Neisseria mucosa heidelbergensis</i>	10 units/μL	250 units	BP3396-1
Not I	<i>Nocardia otitidis-caviarum</i>	10 units/μL	200 units	BP3398-1
Nru I	<i>Nocardia rubra</i> ATCC 15906	10 units/μL	200 units	BP3400-1
Nsi I	<i>Neisseria sicca</i>	10 units/μL	250 units	BP3402-1
Pst I	Recombinant <i>E. coli</i> strain	10 units/μL	3000 units	BP3404-1
Pvu I	<i>Proteus vulgaris</i>	2–10 units/μL	100 units	BP3406-1
Pvu II	<i>Proteus vulgaris</i>	8–12 units/μL	1000 units	BP3408-1
Rsa I	<i>Rhodopseudomonas sphaeroides</i>	10 units/μL	1000 units	BP3410-1
		40–80 units/μL	5000 units (HC)	BP3410-5
Sac I	<i>Streptomyces achromogenes</i>	10 units/μL	1000 units	BP3412-1
Sac II	<i>Streptomyces achromogenes</i>	10 units/μL	500 units	BP3414-1
Sal I	<i>Streptomyces albus</i> G	10 units/μL	2000 units	BP3416-1
Sau3A I	<i>Staphylococcus aureus</i> 3A	3–10 units/μL	100 units	BP3418-1
Sau96 I	<i>Staphylococcus aureus</i> PS96	10 units/μL	300 units	BP3420-1
Sca I	<i>Streptomyces caespitosus</i>	8–12 units/μL	1000 units	BP3422-1
		40–80 units/μL	5000 units (HC)	BP3422-5
Sfi I	<i>Streptomyces fimbriatus</i>	10 units/μL	250 units	BP3424-1
		40–80 units/μL	1250 units (HC)	BP3424-5
Sma I	<i>Serratia marcescens</i>	8–12 units/μL	1000 units	BP3426-1
SnaB I	<i>Sphaerotilus natans</i> ATCC 139280	2–10 units/μL	100 units	BP3428-1
Spe I	<i>Sphaerotilus natans</i> ATCC 13923	10 units/μL	200 units	BP3430-1
Sph I	<i>Streptomyces phaeochromogenes</i>	10 units/μL	200 units	BP3432-1
Ssp I	<i>Sphaerotilus natans</i>	10 units/μL	500 units	BP3434-1
		40–80 units/μL	2500 units (HC)	BP3434-5
Stu I	<i>Streptomyces tubercidicus</i>	10 units/μL	400 units	BP3436-1
Sty I	Recombinant <i>E. coli</i> strain	10 units/μL	2000 units	BP3438-1
Taq I	<i>Thermus aquaticus</i> YT1	10 units/μL	1000 units	BP3440-1
		40–80 units/μL	5000 units (HC)	BP3440-7
Tru9 I	<i>Thermus ruber</i> 9	8–12 units/μL	200 units	BP3442-1
Tth111 I	<i>Thermus thermophilus</i> 111	8–12 units/μL	500 units	BP3444-1
Vsp I	<i>Vibrio</i> species	8–12 units/μL	500 units	BP3446-1
Xba I	<i>Xanthomonas badrii</i>	8–12 units/μL	2000 units	BP3448-1
		40–80 units/μL	10,000 units (HC)	BP3448-7
Xho I	<i>Xanthomonas holcicola</i>	10 units/μL	3000 units	BP3450-1
Xho II	<i>Xanthomonas holcicola</i>	5–10 units/μL	100 units	BP3452-1
Xmn I	<i>Xanthomonas manihotis</i> 7AS1	10 units/μL	500 units	BP3454-1

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