



# TAKARA

## COMPOSITION DES TAMPONS POUR LES ENZYMES DE RESTRICTION

TAMPONS TAKARA		TAMPONS NEB	
10X L	100 mM Tris-HCl (pH 7.5)	10X NEBuffer 1	100 mM Bis-Tris-Propane-HCl pH 7.0 @ 25°C
	100 mM MgCl <sub>2</sub>		100 mM MgCl <sub>2</sub>
	10 mM Dithiothreitol		10 mM Dithiothreitol
10X M	100 mM Tris-HCl (pH 7.5)	10X NEBuffer 2	100 mM Tris-HCl pH 7.9 @ 25°C
	100 mM MgCl <sub>2</sub>		100 mM MgCl <sub>2</sub>
	10 mM Dithiothreitol		10 mM Dithiothreitol
	500 mM NaCl		500 mM NaCl
10X H	500 mM Tris-HCl (pH 7.5)	10X NEBuffer 3	500 mM Tris-HCl pH 7.9 @ 25°C
	100 mM MgCl <sub>2</sub>		100 mM MgCl <sub>2</sub>
	10 mM Dithiothreitol		10 mM Dithiothreitol
	1,000 mM NaCl		1000 mM NaCl
10X K	200 mM Tris-HCl (pH 8.5)		
	100 mM MgCl <sub>2</sub>		
	10 mM Dithiothreitol		
	1,000 mM KCl		
10X T*	330 mM Tris-acetate (pH 7.9)	10X NEBuffer 4	200 mM Tris-acetate pH 7.9 @ 25°C
	100 mM Magnesium acetate		100 mM Magnesium Acetate
	5 mM Dithiothreitol		10 mM Dithiothreitol
	660 mM Potassium acetate		500 mM Potassium acetate
	*BSA should be added to a final concentration of 0.01% to obtain 100% activity		Pas de BSA