



Data Sheet (03.02.2009)

Hinf I 5' ...GANTC...3'
 3' ...CTNAG...5'

Source: An *E. coli* strain that carries the cloned *Hinf I* gene from *Haemophilus influenzae* Rf.

Cat.-No.	Size	Conc.
mi-E0117S	2,500 units	10 u/μl
mi-E0117L	12,500 units	10 u/μl

New unit quantity!

Buffer supplied: 10x B3 (incl. BSA)

BSA is now already included into the buffer without any loss of performance!

Substrate for unit definition: λ DNA (148 sites)

Reaction conditions:

100 mM NaCl, 50 mM Tris-HCl (pH 7.9), 10 mM MgCl₂, 1 mM dithiothreitol, 100 μg/ml BSA.

Incubate at **37 °C**.

Storage buffer:

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

Store at -20 °C. Avoid warming to 0 °C or higher.

Under these storage conditions, a guarantee of 12 months after delivery is given.

Ligation and recutting:

After 10-fold overdigestion with *Hinf I*, > 90 % of the DNA fragments can be ligated and recut with this enzyme.

Heat inactivation: 80 °C for 20 minutes