



Data Sheet (28.11.2007)

Bgl II

5' ...AGATCT...3'
3' ...TCTAGA...5'

Source: *Bacillus globigii* lacking *Bgl I*

Cat.-No.	Size	Conc.
EN-0106S	1,300 units	10 u/μl
EN-0106L	6,500 units	10 u/μl

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 (6 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 30-fold overdigestion with *Bgl II*, >95 % of the DNA fragments can be ligated and recut with this enzyme.

Heat inactivation: No