

# ***Bgl* II**



Source: *Bacillus globigii* lacking *Bgl* I.

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| Cat.-No. | Size         | Conc.   |
|----------|--------------|---------|
| EN-106   | 50,000 units | 10 u/μl |

**Buffer supplied:** 10x B3 and 10x BSA.

**Substrate for unit definition:** λ DNA (6 sites).

**Reaction conditions:**

100 mM NaCl, 50 mM Tris-HCl (pH 7.9), 10 mM MgCl<sub>2</sub>, 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.

**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.