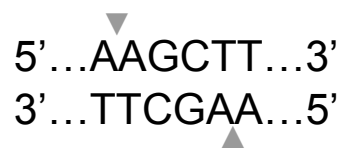


# Hind III



Source: *Haemophilus influenzae* Rd.

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Cat.-No.	Size	Conc.
EN-116	200,000 units	10 u/μl

**Buffer supplied:** 10x B2 and 10x BSA.

**Substrate for unit definition:** λ DNA (7 sites).

**Reaction conditions:**

50 mM NaCl, 10 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, 500 μg/ml BSA and 50% glycerol.  
Store at -20°C.

**Ligation and recutting:**

After 100-fold overdigestion with *Hind* III, >98% of the  
DNA fragments can be ligated and recut with this  
enzyme.

**Star activity:**

Star activity may be observed in the presence of Mn<sup>2+</sup>.

**Heat inactivation:** 65°C for 20 minutes.