

Hind II

Product Information

Cat

ET-1118RE

Recognition Sequence

GTY↑RAC

CAR↓**YTG**

Unit Definition

One unit of the enzyme is the amount required to hydrolyze 1 μ g of Lambda DNA in 1 hour at 37°C in a total reaction volume of 50 μ l.

Reaction Temperature

37°C

Form

Liquid

Storage Buffer

10 mM Tris-HCl (pH 7.5); 200 mM NaCl; 0.1 mM EDTA; 1 mM DTT; 200 μg/ml BSA; 50% glycerol.

Ligation

After 10-fold overdigestion with enzyme 60% of the DNA fragments can be ligated and recut. In the presence of 10%PEG ligation is better.

Source

An E.coli strain, that carries the cloned gene HindII from Haemophilus influenzae

Assayed on

Lambda DNA

Working buffer

Fax:1-631-938-8127

G (10 mM Tris-HCl (pH 7.6 at 25°C); 10 mM MgCl2; 50 mM NaCl; 1 mM DTT.) + BSA

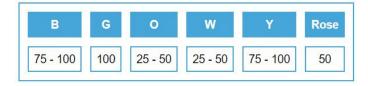
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Hind II



Non-specific hydrolisis

No nonspecific activity was detected after incubation of 1 μ g of Lambda DNA with 20 u.a. of enzyme for 16 hours at 37°C.

Size

1000U; 5000U

Concentration, u.a./ml

10000

Inactivation

20min Under 65°C

Reagents Supplied

10 X SE-buffer G, BSA.

Storage

-20°C

Notes

To obtain 100% activity, BSA should be added to the 1 x reaction mix to a final concentration of 100 µg/ml.

Do not use BSA for long incubation.

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