

Hga I

Product Information

ET-1117RE Recognition Sequence GACGC(N)5↑ CTGCG(N)10↓ Unit Definition One unit of the enzyme is the amount required to hydrolyze 1 µg of DNA pBR322 in 1 hour at 37°C in a total reaction volume of 50 µl. Reaction Temperature 37°C Form Liquid

After 3-fold overdigestion with enzyme more than 90% of the DNA fragments can be ligated and recut.

Ligation

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

Source

An E.coli strain that carries the cloned Hgal gene from Haemophilus gallinarum

Assayed on

Storage Buffer

DNA pBR322

Working buffer

Fax:1-631-938-8127

B (10 mM Tris-HCl (pH 7.6 at 25°C); 10 mM MgCl2; 1 mM DTT.)

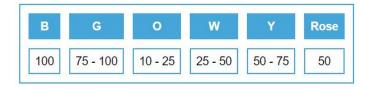
Tel: 1-631-562-8517 1-516-512-3133

Email:info@creative-enzymes.com

45-1 Ramsey Road, Shirley, NY 11967, USA



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Non-specific hydrolisis

Incubation with > 2 units of Hgal per 1 µg of DNA and digestion > 1 hour are not recommended.

Size

50U; 250U

Concentration, u.a./ml

1000

Inactivation

20min Under 65°C

Methylation sensitivity

Blocked by CG methylation.

Reagents Supplied

10 X SE-buffer B

Storage

-20°C

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