

Sal I

Product Information

Cat
ET-1169RE
Recognition Sequence
G↑TCGAC
CAGCT↓G
Unit Definition
One unit of the enzyme is the amount required to hydrolyze 1 μ g of Lambda DNA (HindIII-digest) 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-HCI (pH 7.5); 50 mM NaCI; 0,1 mM EDTA; 1 mM DTT; 200 µg/ml BSA; 50% glycerol.
Ligation
After 10-fold overdigestion with enzyme more than 95% of the DNA pUC19 fragments can be ligated and recut.
Source
An E.coli strain that carries the cloned Sal I gene from Streptomyces albus
Assayed on
Lambda DNA (HindIII-digest)
Working buffer
O (50 mM Tris-HCl (pH 7.6 at 25°C); 10 mM MgCl2; 100 mM NaCl; 1 mM DTT.)

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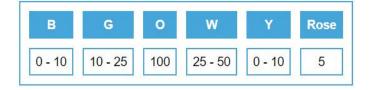
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Non-specific hydrolisis

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
2000U; 10000U
Concentration, u.a./ml
10000
Inactivation
20min Under 65°C
Reagents Supplied
10 X SE-buffer O
Storage
-20°C
Notes
High enzyme concentration may result in star activity.

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