ADENOVIRUS 2 DNA

Product No. D3390
Lot 29H0990

Storage: 2 to 8°C

PRODUCT SUMMARY

Storage buffer: 10 mM Tris-HCl, pH 7.6, 5 mM NaCl, 1 mM EDTA

Concentration: 9.98 A₂₆₀ units/ml

Ratio A₂₆₀/A₂₈₀: 1.8

Base pairs: 36,000

Suitability: Suitable as substrate for most restriction endonucleases.

SUITABILITY ASSAY

1 µg of Adenovirus 2 DNA was digested with the restriction endonuclease Xba I in a 50 µl reaction containing 1X Buffer SH (Product No. B 3657, 50 mM Tris-HCl, 100 mM NaCl, 10 mM MgCl₂ and 1 mM DTT, pH 7.5) for 1 hour at 37°C. 0.1 µg of digested Adenovirus 2 DNA underwent electrophoresis for 2 hours at 70 V using a 1% agarose gel and 1X Tris Borate EDTA as running buffer (0.089 M Tris borate, pH 8.3, 2 mM EDTA, Product no. T 9525). The correct band pattern was observed upon ethidium bromide staining and visualization using an UV transilluminator.

COMMENTS

Note: One A₂₆₀ unit is approximately equal to 50 µg of highly polymerized double strand DNA.

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