# ERRATUM

## *Bacillus subtilis* Deoxyribonucleic Acid Gyrase

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Volume 141, no. 3, p. 1333: The last paragraph in Materials and Methods should read as shown below.

"The dialysate was applied to a column (6 by 12 cm) of DEAE-Sephacell equilibrated with buffer A. The column was washed with 500 ml of buffer A containing 25 mM NaCl, and the activity was eluted with 2 liters of a 0.025 to 0.5 M NaCl linear gradient containing buffer A. DNA gyrase activity eluted at 0.25 to 0.3 M NaCl (Fig. 1A) and was concentrated by the addition of $(NH_4)_2SO_4$ to 75% saturation. The precipitate was suspended in 20 ml of 30 mM $KPO_4$ buffer (pH 6.8)–10 mM 2-mercaptoethanol–10% glycerol (buffer B) and dialyzed against two 1-liter changes of buffer B for 6 h (fraction IV). Fraction IV was applied to a column (2 by 15 cm) of hydroxylapatite equilibrated with buffer B. The column was washed with 50 ml of buffer B. Enzyme activity was eluted with 500 ml of a 0.03 to 0.5 M $KPO_4$ buffer (pH 6.8) gradient containing 10% glycerol and 10 mM 2-mercaptoethanol. DNA gyrase activity was eluted at 0.15 to 0.25 M $KPO_4$ (Fig. 1B). Active fractions were pooled, concentrated by dialysis against 30% (wt/vol) polyethyleneglycol 2000 containing buffer A, dialyzed against 50% glycerol–0.05 M Tris-hydrochloride (pH 7.5)–1 mM EDTA–10 mM 2-mercaptoethanol, and stored at −20°C (fraction V). Unless otherwise indicated, fraction V (specific activity, 7,500 U/mg of protein) was used. The breakage-rejoining activity in fraction V had a specific activity of 350 U/mg of protein. Difficulty in accurately estimating the activity of DNA gyrase in the crude extract prevented the inclusion of a purification table."

Page 1333, Fig. 1, right-hand ordinate: "$OD_{260}$" should read "$OD_{280}$."

Page 1333, Fig. 1 legend, line 9: "$OD_{260}$" should read "$OD_{280}$" and "260 nm" should read "280 nm."

Page 1336, column 1, line 1: "500 mM" should read "500 $\mu$M."