

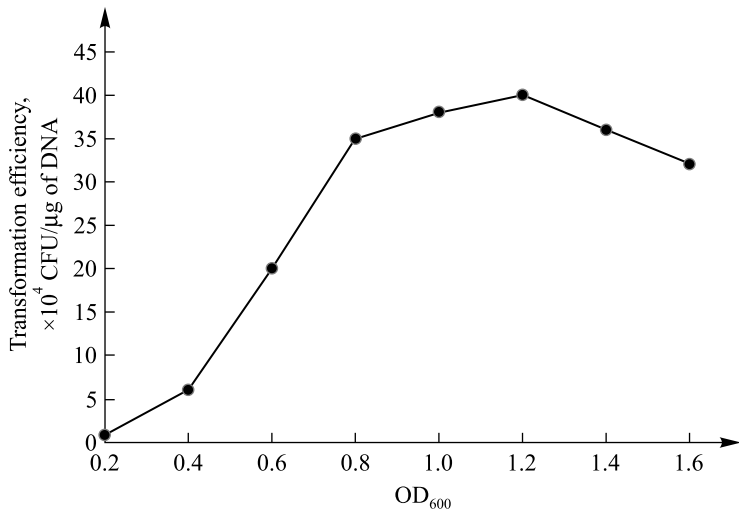


Fig. 2. Effect of growth phase on the electroporation efficiency of *B. subtilis* strain 5434 using the high osmolarity method. The values shown the means of several transformations.

The transformation efficiency at different growth phases of *B. subtilis* strain 5434.

Cells were grown in LBS medium to various OD₆₀₀ densities for the electrocompetent cell preparation, using SMG solution as the electroporation buffer. 60 ng plasmid pMTL7-1 as a positive control of transformation were used for electroporation with the settings 25 μ F, 23 kV/cm, 200 Ω