SYNTHESIS OF DNA

Abstract

The present invention relates to an improved process for synthesis of DNA, RNA, proteins and like molecules, in particular cell-free enzymatic synthesis of DNA, preferably in large scale. The present invention relates to the synthesis of DNA using strand-displacement replication and the addition of nucleotides to the reaction mixture is controlled, thus controlling yield. The reaction mixture contains a starting amount of nucleotides, polymerase and DNA template, to which further nucleotides are supplied in a controlled manner.

[FIG. 7]