Rolling Circle Amplification kit (RCA)

Rolling circle amplification (RCA) is an isothermal amplification method to continuously amplify circular DNA by generating long, repetitive copies of the circular sequence. The kit features phi29 DNA polymerase-v2, an engineered polymerase with improved thermostability and sensitivity, and generates higher yield in a shorter reaction time than wild-type phi29 DNA Polymerase. Also included are dNTPs and exonuclease-resistant random primers (containing phosphorothioate bonds) to universally amplify circular DNA sequences. Also specific RCA can be performed by adding custom primers.

Catalog No.	518601
Size	50 rxns
Product Category	Isothermal Amplification
Storage/Stability	-20°C/1 year
Shipping	Gel Packs