

PCR Reagents

Thermomax DNA Polymerase

Catalog #	Size	Concentration	Price
16	100 units	5 units/ μ l	\$15
17	1,000 units	5 units/ μ l	\$135

Description

Thermomax DNA polymerase is a new hyperthermophilic polymerase developed by Enzymax. It is an economical alternative to the Taq DNA polymerase for PCR applications. The extension time of the Thermomax polymerase during PCR is 1 min/kb DNA.

Unit Definition

One unit enzyme catalyzes the incorporation of 10 nmol of dNTPs into DNA in 30 min at 74°C.

PCR Reaction Buffer

20 mM Tris-HCl (pH 8.0), 50 mM KCl, 2 mM MgSO₄, 0.2 mM dNTPs.