AMPLIQON
PCR ENZYMES & REAGENTS

Advion Interchim scientific

AMPLIQON A/S
Stenhuggervej 22
5230 Odense M
www.ampliqon.com

ORDERING:
Tel: +45 7020 1169
Fax: +45 7020 1179
enzyme@ampliqon.com

TAQ DNA POLYMERASE



High performance Taq DNA Polymerase

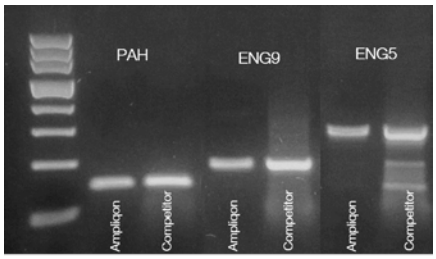
- High product yield
- dUTP incorporation possible
- Processes up to 5 kb
- No proofreading – lacks a 3' - 5' exonuclease activity
- Leaves 3'dA overhang

Ampliqon Taq DNA Polymerase is a thermostable, recombinant DNA polymerase, which exhibits very high activity. Ampliqon Taq DNA Polymerase is suitable for most routine PCR applications requiring high yield and reliable DNA amplification. The 5'-3' exonuclease activity leaves 3' overhang, convenient for direct T-A cloning.

Ampliqon PCR Enzymes

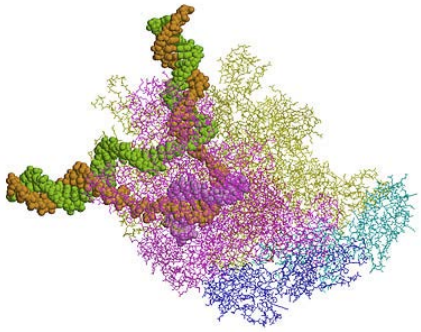


Comparison



Comparison of Ampliqon Taq DNA Polymerase with competitor Taq DNA Polymerase. Three different primer targets (PAH, ENG9 and ENG5) were evaluated. Ampliqon Taq DNA Polymerase performed equally well with competitor Taq on these 3 targets

Taq DNA Polymerase structure



	Size Reaction size: 50 µl*	Content	Cat #
Taq DNA Polymerase 5U/µl without buffer	500 Units	1 x 100 µl	A110003
	1000 Units	2 x 100 µl	A110004
	5000 Units	10 x 100 µl	A110007
Taq DNA Polymerase 5U/µl with10x Ammonium Buffer and $MgCl_2$	500 Units	1 x 100 µl	A111103
	1000 Units	2 x 100 µl	A111104
	5000 Units	10 x 100 µl	A111107
Taq DNA Polymerase 5U/µl with 10x Combination Buffer and $MgCl_2$	500 Units	1 x 100 µl	A112103
	1000 Units	2 x 100 µl	A112104
	5000 Units	10 x 100 µl	A112107
Taq DNA Polymerase 5U/µl with 10x Standard Buffer, 10x Ammonium Buffer and $MgCl_2$	500 Units	1 x 100 µl	A114103
	1000 Units	2 x 100 µl	A114104
	5000 Units	10 x 100 µl	A114107

*1 unit / 50 µl reaction size

Made in Denmark