

TAQ DNA POLYMERASE RED



Convenient handling - Taq DNA Polymerase with red dye

- High product yield
- Red dye identifies tubes with enzyme added
- Facilitates confirmation of complete mixing
- No proofreading – lacks a 3' - 5' exonuclease activity
- Leaves 3'dA overhang

Taq DNA Polymerase RED contains a red dye which provides easy and quick identification of reaction tubes to which enzyme was added and also allowing confirmation of complete mixing. The inert dye has no effect on downstream processes. Taq DNA Polymerase RED is added directly to the reaction mix.

Ampliqon PCR Enzymes

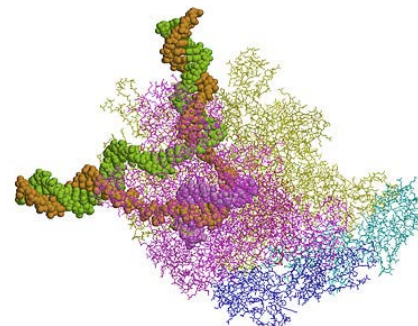


Visualisation of complete mixing



In the first tube, Taq RED is homogenously mixed, in the middle tube Taq RED is added but not mixed and in the last tube, no Taq RED is added yet.

Taq DNA Polymerase structure



	Size	Content	Cat #
	Reaction size: 50 µl*		
Taq DNA Polymerase RED 5 U/µl without buffer	500 Units	1 x 100 µl	A200003
	1000 Units	2 x 100 µl	A200004
	5000 Units	10 x 100 µl	A200007
Taq DNA Polymerase RED 5 U/µl with 10x Ammonium Buffer and MgCl ₂	500 Units	1 x 100 µl	A201103
	1000 Units	2 x 100 µl	A201104
	5000 Units	10 x 100 µl	A201107
Taq DNA Polymerase RED 5 U/µl with 10x Combination Buffer and MgCl ₂	500 Units	1 x 100 µl	A202103
	1000 Units	2 x 100 µl	A202104
	5000 Units	10 x 100 µl	A202107
Taq DNA Polymerase RED 5 U/µl with 10x Standard Buffer, 10x Ammonium Buffer and MgCl ₂	500 Units	1 x 100 µl	A204103
	1000 Units	2 x 100 µl	A204104
	5000 Units	10 x 100 µl	A204107

*1 unit / 50 µl reaction size